

Work Order ID 109016

November-04-13 1:12:17 PM

109016

Page 1

Item ID: 649.4701

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: A119 Cable Cutters

Start Date: 11/04/13 Start Qty: 9.00

9

Cust Item ID:

Required Date: 11/04/13 Req'd Qty: 9.00

9

Customer:

Reference: RA111642/111640 - rework

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

649.4700

B

105

0.00

DAS
27

105

QC

Memo

0.00

INPSECT RA1114642 & RA111640

Quality Control

115

0.00

DAS
27
9-89

115

QC

Memo

0.00

REINSPECT ALL KITS COMPLETELY

Quality Control

125

0.00

125

Small Fab

Memo

0.00

CUT AND RECRIMP LANYARD PER DRWG 601.3493

Small Fab

Work Order ID 109016

November-04-13 1:12:17 PM

109016

Page 2

Item ID: 649.4701

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: A119 Cable Cutters

Start Date: 11/04/13 Start Qty: 9.00

9

Cust Item ID:

Required Date: 11/04/13 Req'd Qty: 9.00

9

Customer:

Reference: RA111642/111640 - rework

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

126

QC5- Inspect part completeness to step on W/O

0.00

126

QC

Memo

0.00

Quality Control

130

Packaging

0.00

130

Packaging

Memo

0.00

Packaging

REPACKAGE

Identify and pack for shipping as per PPP 649.4701

Location: _____

DAS
6
9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

HJ / Rm 13/11/11

ME
13-11-08

Picklist Print

November-04-13 1:12:17 PM

Page 1

Work Order ID: 109016
Parent Item: 649.4701
Parent Item Name: A119 Cable Cutters

Start Date: 11/04/13 Required Date: 11/04/13
Start Qty: 9.00 Required Qty: 9.00

Comments: IPP REV:A 12.11.05 NEW ISSUE DD VERF:JLM
13-07-09 JLM VERIFIED BY:DD
IPP REV:B AS PER ECR 12-54

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
649.4701 A119 Cable Cutters		Manufactured	No				Each	0.0000		9			

DAS
27
9-89

1311-4

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03537				SHEET 1 OF 1	
	DWG NO. 601.3493		REV: N/C	PREPARED BY: A. QUAN	DATE: 05/30/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: QUICK RELEASE PIN					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED PRIMARY VENDOR AND ALTERNATE VENDOR P/N				

SHEET 1 / IS

NOTES

1. MATERIAL: ALLOY STEEL 4130
2. VENDOR: QRP, INC; P/N QRP1S0310/L4
ALTERNATE VENDOR: AVIBANK; P/N BLS3BS10SL4C4
3. COMES WITH 4.00' LANYARD AND ATTACHMENT BRACKET

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION

DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUCC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03461				SHEET 1 OF 1	
	DWG NO. 601.3493	REV: N/C	PREPARED BY A. QUAN	DATE: 03/19/12	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: QUICK RELEASE PIN					
APPROVED BY:		ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED ALTERNATE P/N				ECR:

SHEET 1 / IS

NOTES

1. MATERIAL: ALLOY STEEL 4130
2. VENDOR: MCMASTER CARR; P/N 94748A111
ALTERNATE VENDOR: AVIBANK; P/N BLS3BS10SL5C4
3. COMES WITH LANYARD AND ATTACHMENT BRACKET

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION

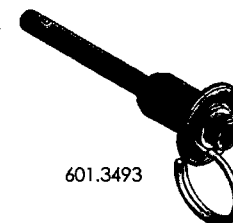
DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
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THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

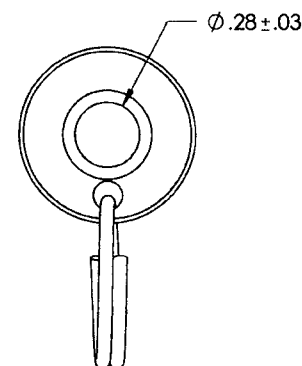
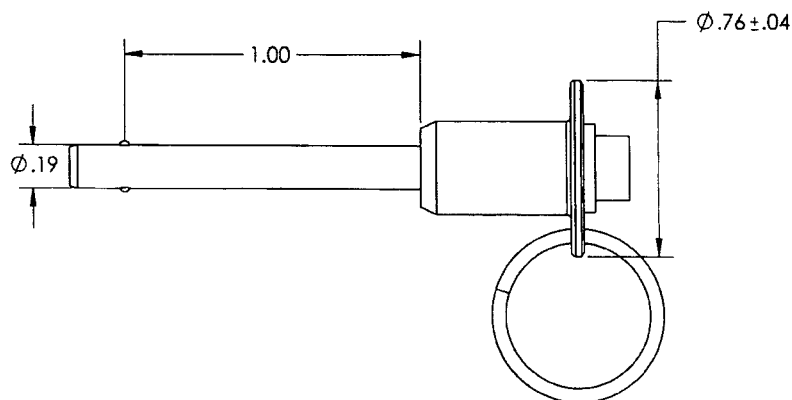
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	INITIAL RELEASE	01-26-2012	P. BRAVO

NOTES

1. MATERIAL: ALLOY STEEL 4130
2. VENDOR: AVIBANK; P/N BLS3BS10SL5C4
3. COMES WITH LANYARD AND ATTACHMENT BRACKET



601.3493

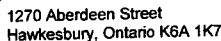


UNINCORPORATED ECN(s)

03461, 03537

SOURCE CONTROL DRAWING

QTY		PARTS LIST	
NEXT ASSY (S)		APICAL INDUSTRIES	
		2608 TEMPLE HEIGHTS DR.	
		OCEANSIDE, CA. 92056-3512 (760)724-5300	
		QUICK RELEASE PIN	
		DATE	REV.
		07/20/12	N/C
		SCALE	SHEET 1 OF 1



Date: 18-Oct-13

Customer Name: AGUSTAWESTLAND PHILA.

Customer Code: CAGUS02

Telephone No: 1 215 268 9134

E-mail Address: Anita.Coelho@agustawestland.com

Contact Name: ANITA COELHO

Issued by: LISA MCMACHEN

DART RA Number:	RA111642	
Customer-Supplied:	<input checked="" type="checkbox"/>	Trial/Test <input type="checkbox"/>
Sales Order Generated:		
OEM Initiated & Chase:		
Approved by:	Sian Willems	
DART Invoice #:	TBD (Shipped O'Side)	
PAR/CAR/NCR/SQ:	N/A	

Issued by: LISA MCMACHEN		PARCANNON SQ.	
Quantity	Part Number	Description	Batch Number
1	649.4701	A119 Cable Cutters Kits	4 ✓
1	649.4701	A119 Cable Cutters Kits	16 ✓
1	649.4701	A119 Cable Cutters Kits	17 ✓
1	649.4701	A119 Cable Cutters Kits	30 ✓
1	649.4701	A119 Cable Cutters Kits	31 ✓
1	649.4701	A119 Cable Cutters Kits	33 ✓

Reason for Return:	REWORK REQUIRED, SHIP BACK TO CUSTOMER.
601.3493 QR Pins does not conform to dwg - pins are too long (11",	drawing requires them to be 4"). Customer PO: 4800479248 from O'Side

☐ Ord. Wrong - 3rd party
☐ Ord. Wrong - OEM
☐ Ord. Wrong - Web/Cat.

Credit Instructions:
☐ Full credit
☒ None

Return Instructions:	Commerical Invoice	Yes
	Documentation (STC/ARC/ICA)	Yes
	Packing Slip	Yes

Include on Commerical Invoice:
Part Number/Description/Value in USD
Parts are aircraft parts/return to Manufacturer

Shipping Instructions: Prepaid _____ Collect YES Courier _____ Fed Ex _____
Account # _____ DART _____

RECEIVING RETURN AUTHORIZATION

[illegible]

QC Inspector: <i>SM</i>	Photograph Attached	Condition:					
Date: <i>05 NOV 4/13</i>	Yes <i>1</i> No	Sealed	Complete	Short H/W	Short Kit	No P/W	Damaged

QC Comments: <u>See attached</u>	Special Return/Rework Instructions: <u>REWORK REQUIRED, SHIP BACK TO CUSTOMER.</u>
	601.3493 QR Pins does not conform to dwg - pins are too long (11", drawing requires them to be 4").

Issue Credit:	Yes	No
---------------	-----	----

Credit Invoice Amount: \$0, INVOICE: \$0

Approval: _____
Director Operations

Date: _____

- **Restocking Fee:**

Freight:

Net Credit:

Closed by:	Close Date:
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DART CUSTOMER-SUPPLIED AEROSPACE RETURN AUTHORIZATION

1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7

Date: 18-Oct-13
Customer Name: AGUSTAWESTLAND PHILA.
Customer Code: CAGUS02
Telephone No: 1 215 268 9134
E-mail Address: Anita.Coelho@agustawestland.com
Contact Name: ANITA COELHO
Issued by: LISA MCMACHEN

DART RA Number: RA111640
Customer-Supplied: ☒ Trial/Test ☐
Sales Order Generated: _____
OEM Initiated & Chase: _____
Approved by: Sian Willems
DART Invoice #: INV113932 / SO112553
PAR/CAR/NCR/SQ: N/A

Quantity	Part Number	Description	Batch Number
1	649.4701	A119 Cable Cutters Kits	37
1	649.4701	A119 Cable Cutters Kits	38
1	649.4701	A119 Cable Cutters Kits	39

Reason for Return: REWORK REQUIRED, SHIP BACK TO CUSTOMER.
601.3493 QR Pins does not conform to dwg - pins are too long (11", drawing requires them to be 4"). Customer PO:4800701583/01 from Hawk.

☐ Ord. Wrong - 3rd party
☐ Ord. Wrong - OEM
☐ Ord. Wrong - Web/Cat.

Credit Instructions:
☐ Full credit
☒ None

Return Instructions: Commerical Invoice Yes
Documentation (STC/ARC/ICA) Yes
Packing Slip Yes

Include on Commerical Invoice:
Part Number/Description/Value in USD
Parts are aircraft parts/return to Manufacturer

Shipping Instructions: Prepaid _____ Collect YES Courier _____ Fed Ex _____
Account # _____ DART

RECEIVING RETURN AUTHORIZATION

Receiver: <u>12/13/14</u>		Condition of Packaging: <u>Good</u>				Photograph Required	
Date Received: _____		Freight Company: _____				Yes No	
Quantity	Part Number	Batch	QC Verification	CHG #	W/O#	Disposition	

QC Inspector: SMB Photograph Attached _____ Condition: _____
Date: Nov 4/13 Yes No Sealed Complete Short H/W Short Kit No P/W Damaged

QC Comments: See attached Special Return/Rework Instructions: _____
REWORK REQUIRED, SHIP BACK TO CUSTOMER.
601.3493 QR Pins does not conform to dwg - pins are too long (11", drawing requires them to be 4").

Issue Credit: Yes No Credit Invoice Amount: \$0, INVOICE: \$0
Restocking Fee: _____
Approval: _____ Date: _____ Freight: _____
Director Operations Net Credit: _____
Closed by: _____ Close Date: _____

List Lots

November-04-13 12:53:31 PM

Page 1 of 1

Criteria : Item ID: 649.4701 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
649.4701 A119 Cable Cutters	Main Warehouse return2013	16	11/04/13	1.0000			
	Main Warehouse return2013	17	11/04/13	1.0000			
	Main Warehouse return2013	30	11/04/13	1.0000			
	Main Warehouse return2013	31	11/04/13	1.0000			
	Main Warehouse return2013	33	11/04/13	1.0000			
	Main Warehouse return2013	37	11/04/13	1.0000			
	Main Warehouse return2013	38	11/04/13	1.0000			
	Main Warehouse return2013	39	11/04/13	1.0000			
	Main Warehouse return2013	4	11/04/13	1.0000			
Total:				9.0000			

109016 ✓

Apical Industries, Inc.

CCK # 004

NOTES:

MANUFACTURING - ROUTE SHEET

AGE: 1 of 8

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:20 AM

Qty Required: 4

Qty Comp

Date 07-12-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

004

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 601.1183 CHERRYMAX RIVET Qty Per: 29 Qty Need: 116 UOM: EA DAS 27 9-89	L.H.	07-12-12	29	29	0
	BOM: 601.3470 WASHER, AN970-3 Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 649.4812 SHIM Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 601.1773 RIVET MS20470AD4-3 Qty Per: 23 Qty Need: 92 UOM: EA DAS 27 9-89	L.H.	07-12-12	23	23	0
	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 601.3537 MS24694-S14, 1 1/16" Countersunk Screw Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4 1/16") Qty Per: 4 Qty Need: 16 UOM: EA DAS 27 9-89	L.H.	07-12-12	4	4	0
NOTES:	<p>7-12-12 27 ACCEPT QA 09</p> <p>O.C. FINAL</p>					
					NEXT HIGHER	MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

GE: 2 of 8

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:21 AM

Qty Required: 4

Qty Comp

Date
07-12-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1622 SCREW Qty Per: 4 Qty Need: 16 UOM: EA DAS 27 9-89	L.H.	07-12-12	4	4	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 649.5210 DOUBLER Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 649.4814 DOUBLER Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 16 UOM: EA DAS 27 9-89	L.H.	07-12-12	4	4	0
	BOM: 601.2045 RTV (LOCTITE 598) Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 649.5213 DOUBLER Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.3190 MS27039-1-13 Qty Per: 13 Qty Need: 52 UOM: EA DAS 27 9-89	L.H.	07-12-12	13	13	0
	BOM: 601.3459 INSERT, NAS1832-3-7 TYE2002-3-7 Qty Per: 8 Qty Need: 32 UOM: EA DAS 27 9-89	L.H.	07-12-12	8	8	0
NOTES:	<div style="display: flex; justify-content: space-between;"> <div> <p>✓</p> </div> <div> <p>NEXT HIGHER</p> </div> <div> <p>MO#: N/A</p> </div> </div>					

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:22 AM

Qty Required: 4

Qty Comp

Date
07-12-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3472 - CHERRY RIVET, NAS9301B-5-5 Qty Per: 20 Qty Need: 80 UOM: EA DAS 27 9-89	L.H.	07-12-12	20	20	0
	BOM: 601.3536 - MS24694-S13, 1" Length Countersunk Screw Qty Per: 2-3 Qty Need: 8-15 UOM: EA DAS 27 9-89	L.H.	07-12-12	3	3	0
	BOM: 649.5012 - DEFLECTOR Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.1900 - NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	07-12-12	6	6	0
	BOM: 601.3289 - SCREW Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.2638 - NAS1149F0432P Qty Per: 8 Qty Need: 32 UOM: EA DAS 27 9-89	L.H.	07-12-12	8	8	0
	BOM: 649.4816 - DOUBLER Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 649.5211 - SHIM Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 649.5013 - DEFLECTOR Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

GE: 4 of 8

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:23 AM

Qty Required: 4

Qty Comp

Date 07-12-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1125 RIVET MS20470AD5-11 Qty Per: 8 Qty Need: 32 UOM: EA DAS 27 9-89	L.H.	07-12-12	8	8	0
	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.2669 BOLT AN4C7A Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 649.5011 DEFLECTOR Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 649.4815 SHIM Qty Per: 3 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	07-12-12	3	3	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 32 UOM: EA DAS 27 9-89	L.H.	07-12-12	8	8	0
	BOM: 601.0788 BOLT (AN3C-12A) Qty Per: 8 Qty Need: 32 UOM: EA DAS 27 9-89	L.H.	07-12-12	8	8	0
	BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.3555 Bolt, AN4C5A Qty Per: 4 Qty Need: 16 UOM: EA DAS 27 9-89	L.H.	07-12-12	4	4	0
NOTES:	<div> <div>✓</div> <div></div> </div>					NEXT HIGHER MO#: N/A

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:23 AM

Qty Required: 4

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 601.3008 INSERT SL603-3-300S OR ALT. (NAS1834-3-300) Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.1616 RIVET (MS20426AD3-5) Qty Per: 12 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	07-12-12	12	12	0
	BOM: 647.9074 STRUT BRACKET Qty Per: 8 Qty Need: 32 UOM: EA DAS 27 9-89	L.H.	07-12-12	8	8	0
	BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.3151 WASHER Qty Per: 16 Qty Need: 64 UOM: EA DAS 27 9-89	L.H.	07-12-12	16	16	0
	BOM: 649.4813 SHIM Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.3473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
	BOM: 601.3474 CHERRY RIVET, CR3214-5-02 Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	2	0
NOTES:	V					NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

GE: 6 of 8

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:24 AM

Qty Required: 4

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3124 MS27039-0824 SCREW Qty Per: 3 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	07-12-12	3	3	0
	BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q) Qty Per: 14 Qty Need: 56 UOM: EA DAS 27 9-89	L.H.	07-12-12	14	14	0
	BOM: 601.2020 RIVET CR3213-5-3 100EA/PKG Qty Per: 16 Qty Need: 64 UOM: EA DAS 27 9-89	L.H.	07-12-12	16	16	0
	BOM: 649.5214 BRACKET Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	1	0
	BOM: 601.1365 SCREW (MS27039-1-10) Qty Per: 6 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	07-12-12	6	6	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 16 UOM: EA DAS 27 9-89	L.H.	07-12-12	4	4	0
	BOM: 646.9910 STRUT Qty Per: 4 Qty Need: 16 UOM: EA DAS 27 9-89	L.H.	07-12-12	4	4	0
	BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635 AN960-10L, NA Qty Per: 53 Qty Need: 212 UOM: EA DAS 27 9-89	L.H.	07-12-12	53	53	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

AGE: 7 of 8

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:25 AM

Qty Required: 4

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.2765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	07-12-12	6	0	0
	BOM: 601.3146 Screw MS24694S57 Qty Per: 2 Qty Need: 8 UOM: EA DAS 27 9-89	L.H.	07-12-12	2	0	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	0	0
	BOM: 601.2764 WASHER (NAS1149FN832P) Qty Per: 23 Qty Need: 92 UOM: EA DAS 27 9-89	L.H.	07-12-12	23	0	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 124 UOM: EA DAS 27 9-89	L.H.	07-12-12	31	0	0
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	0	0
	BOM: 649.5142 RH WIPER DEFLECTOR Qty Per: 1 Qty Need: 4 UOM: EA DAS 27 9-89	L.H.	07-12-12	1	0	0
	BOM: 601.1624 MS21042-3 NUT Qty Per: 25 Qty Need: 100 UOM: EA DAS 27 9-89	L.H.	07-12-12	25	0	0
Start Work:		Stop Work:				

NOTES:

✓

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

AGE: 8 of 8

MO#: M10422



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 7/3/2012 10:16:26 AM

Qty Required: 4

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
20	BUILD SUB-ASSY					
	BOM: Assembly: 649.4902 LOWER CUTTER ASSY DAS Qty Per: 1 Qty Need: 4 UOM: EA MO#: M10422-2-89 Start Work: Stop Work:	LH.	07.12.12	1	1	0
30	BUILD SUB-ASSY					
	BOM: Assembly: 649.4901 UPPER CUTTER ASSY DAS Qty Per: 1 Qty Need: 4 UOM: EA MO#: M10422-2-89 Start Work: Stop Work:	LH.	07.12.12	1	1	0
<div style="display: flex; justify-content: space-between;"> <div> <p>NOTES:</p> <p>✓</p> </div> <div> <p>NEXT HIGHER</p> <p>MO#: N/A</p> </div> </div>						

Apical Industries, Inc.

A119
CCK #

NOTES:

MANUFACTURING - ROUTE SHEET

AGE: 1 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:18 AM

Qty Required: 5

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

016

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 601.3537 MS24694-S14, 1 1/16" Countersunk Screw Qty Per: 2 Qty Need: 10 UOM: EA BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 10 UOM: EA BOM: 601.2669 BOLT AN4C7A Qty Per: 2 Qty Need: 10 UOM: EA BOM: 649.5210 DOUBLER Qty Per: 2 Qty Need: 10 UOM: EA BOM: 601.0788 BOLT (AN3C-12A) Qty Per: 8 Qty Need: 40 UOM: EA BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 10 UOM: EA BOM: 601.3473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 10 UOM: EA BOM: 601.3459 INSERT, NAS1832-3-7 TYE2002-3-7 Qty Per: 8 Qty Need: 40 UOM: EA	TA TA TA TA TA TA TA TA	10-25-12 10-25-12 10-25-12 10-25-12 10-25-12 10-25-12 10-25-12 10-25-12	2 2 2 2 8 2 2 8	2 2 2 2 8 2 2 8	0 0 0 0 0 0 0 0
NOTES:		APICAL QA 13 ACCEPT 10/25/12				NEXT HIGHER MO#: N/A

Apic. Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:19 AM

Qty Required: 5

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5214 BRACKET Qty Per: 1 Qty Need: 5 UOM: EA	TA	10-25-12	1	1	0
	BOM: 649.5213 DOUBLER Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 601.2638 NAS1149F0432P Qty Per: 8 Qty Need: 40 UOM: EA	TA	10-25-12	8	8	0
	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA	TA	10-25-12	1	1	0
	BOM: 601.1125 RIVET MS20470AD5-11 Qty Per: 8 Qty Need: 40 UOM: EA	TA	10-25-12	8	8	0
	BOM: 601.3470 WASHER, AN970-3 Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 115 UOM: EA	TA	10-25-12	23	23	0
NOTES:	<p>APICAL QA 13 ACCEPT 10/25/12</p>			<p>NEXT HIGHER MO#: N/A</p>		

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:20 AM

Qty Required: 5

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA Qty Per: 53 Qty Need: 265 UOM: EA	TA	10-25-12	53	53	0
	BOM: 601.3289 SCREW Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 601.1900 NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 30 UOM: EA	TA	10-25-12	6	6	0
	BOM: 649.5012 DEFLECTOR Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-23-12	2	2	0
	BOM: 601.1183 CHERRYMAX RIVET Qty Per: 29 Qty Need: 145 UOM: EA	TA	10-23-12	29	29	0
	BOM: 601.3124 MS27039-0824 SCREW Qty Per: 3 Qty Need: 15 UOM: EA	TA	10-25-12	3	3	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 20 UOM: EA	TA	10-25-12	4	4	0
	BOM: 601.3146 Screw MS24694S57 Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 649.4814 DOUBLER Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
NOTES:	<p>APICAL QA 13 ACCEPT 10/25/12</p>					NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:20 AM

Qty Required: 5

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3555 Bolt, AN4C5A Qty Per: 4 Qty Need: 20 UOM: EA	T.A	10-25-12	4	4	0
	BOM: 649.5011 DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 646.9910 STRUT Qty Per: 4 Qty Need: 20 UOM: EA	T.A	10-25-12	4	4	0
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 649.4813 SHIM Qty Per: 2 Qty Need: 10 UOM: EA	T.A	10-25-12	2	2	0
	BOM: 601.3474 CHERRY RIVET, CR3214-5-02 Qty Per: 2 Qty Need: 10 UOM: EA	T.A	10-25-12	2	2	0
	BOM: 649.4812 SHIM Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 601.4622 SCREW Qty Per: 4 Qty Need: 20 UOM: EA	T.A	10-25-12	4	4	0
	BOM: 601.1365 SCREW (MS27039-1-10) Qty Per: 6 Qty Need: 30 UOM: EA	T.A	10-25-12	6	6	0
NOTES:	<p>APICAL QA 13 ACCEPT 10/25/12</p>					<p>NEXT HIGHER MO#: N/A</p>

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:21 AM

Qty Required: 5

Qty Comp

Date
10-25-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/					
	Qty Per: 4 Qty Need: 20 UOM: EA	TA	10-25-12	4	4	0
	BOM: 604.2020 RIVET CR3213-5-3 100EA/PKG					
	Qty Per: 16 Qty Need: 80 UOM: EA	TA	10-25-12	16	16	0
	BOM: 649.5013 DEFLECTOR					
	Qty Per: 2 Qty Need: 10 UOM: EA	TA	10-25-12	2	2	0
	BOM: 601.3472 CHERRY RIVET					
	Qty Per: 20 Qty Need: 100 UOM: EA	TA	10-25-12	20	20	0
	BOM: 601.1624 MS21042-3 NUT					
	Qty Per: 25 Qty Need: 125 UOM: EA	TA	10-25-12	25	25	0
	BOM: 649.5111 LH WIPER DEFLECTOR					
	Qty Per: 1 Qty Need: 5 UOM: EA	TA	10-25-12	1	1	0
	BOM: 601.2045 RTV (LOCTITE 598)					
	Qty Per: 1 Qty Need: 5 UOM: EA	TA	10-25-12	1	1	0
	BOM: 649.4816 DOUBLER					
	Qty Per: 1 Qty Need: 5 UOM: EA	TA	10-25-12	1	1	0
	BOM: 649.5211 SHIM					
	Qty Per: 1 Qty Need: 5 UOM: EA	TA	10-25-12	1	1	0
NOTES:	<p>APICAL QA 13 8/28/12</p>				NEXT HIGHER MO#: N/A	

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:22 AM

Qty Required: 5

Qty Comp

Date
10-25-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.4815 SHIM Qty Per: 3 Qty Need: 15 UOM: EA	T.A	10-25-12	3	3	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 40 UOM: EA	T.A	10-25-12	8	8	0
	BOM: 601.3151 WASHER Qty Per: 16 Qty Need: 80 UOM: EA	T.A	10-25-12	16	16	0
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 601.2765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 30 UOM: EA	T.A	10-25-12	6	6	0
	BOM: 601.3008 INSERT SL603-3-300S OR ALT. (NAS1834-3-300) Qty Per: 2 Qty Need: 10 UOM: EA	T.A	10-25-12	2	2	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 155 UOM: EA	T.A	10-25-12	31	31	0
	BOM: 647.9014 STRUT BRACKET Qty Per: 8 Qty Need: 40 UOM: EA	T.A	10-25-12	8	8	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 20 UOM: EA	T.A	10-25-12	4	4	0
NOTES:	<div>APICAL QA 13 ACCEPT 8/28/12</div>			<div>NEXT HIGHER MO# N/A</div>		

Apic. Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:23 AM

Qty Required: 5

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3536 MS24694-S13, 1" Length Countersunk Screw Qty Per: 3 Qty Need: 15 UOM: EA	T.A	10-25-12	3	3	0
	BOM: 601.1616 RIVET (MS20426AD3-5) Qty Per: 12 Qty Need: 60 UOM: EA	T.A	10-25-12	12	12	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q Qty Per: 14 Qty Need: 70 UOM: EA	T.A	10-25-12	14	14	0
	BOM: 649.5112 RH WIPER DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 5 UOM: EA	T.A	10-25-12	1	1	0
	BOM: 601.3190 SCREW Qty Per: 13 Qty Need: 65 UOM: EA	T.A	10-25-12	13	13	0
	BOM: 601.2764 WASHER (NAS1149FN832P) Qty Per: 23 Qty Need: 115 UOM: EA	T.A	10-25-12	23	23	0
Start Work:		Stop Work:				

NOTES:

APICAL
QA 13
ACCEPT
10/5/12

NEXT
HIGHER
MO#: N/A

Apic. Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 8 of 8

MO#: M10954



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/28/2012 8:12:24 AM

Qty Required: 5

Qty Comp

Date 10-25-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
20	BUILD SUB-ASSY					
	<p>BOM: Assembly: 649.4902 LOWER CUTTER ASSY</p> <p>Qty Per: 1 Qty Need: 5 UOM: EA MO#: M10954-1</p> <p>Start Work: Stop Work: </p>	T.A	10-25-12	1	1	0
30	BUILD SUB-ASSY					
	<p>BOM: Assembly: 649.4901 UPPER CUTTER ASSY</p> <p>Qty Per: 1 Qty Need: 5 UOM: EA MO#: M10954-2</p> <p>Start Work: Stop Work: </p>	T.A	10-25-12	1	1	0
<p>NOTES:</p> <p>APICAL QA 13 ACCEPT 10/25/12</p>						
					<p>NEXT HIGHER</p> <p>MO#: N/A</p>	

Apical Industries, Inc.

CCK #

NOTES:

MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:26 PM

Qty Required: 5

Qty Comp

Date
11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

017

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89 APICAL QA 15 ACCEPT	T.A.	11-05-12	45	1	0
	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 115 UOM: EA DAS 31 9-89 05-12	T.A.	11-05-12	23	23	0
	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12	1	1	0
	BOM: 649.4815 SHIM Qty Per: 3 Qty Need: 15 UOM: EA DAS 31 9-89	T.A.	11-05-12	3	3	0
	BOM: 601.0788 BOLT (AN3C-12A) Qty Per: 8 Qty Need: 40 UOM: EA DAS 31 9-89	T.A.	11-05-12	8	8	0
	BOM: 601.3536 Countersunk Screw Qty Per: 3 Qty Need: 15 UOM: EA DAS 31 9-89	T.A.	11-05-12	3	3	0
	BOM: 601.3474 CHERRY RIVET Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 155 UOM: EA DAS 31 9-89	T.A.	11-05-12	31	31	0

NOTES:

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:27 PM

Qty Required: 5

Qty Comp

Date: 11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1622- SCREW Qty Per: 4 Qty Need: 20 UOM: EA DAS 31 9-89	T.A.	11-05-12	4	4	0
	BOM: 601.3537- Countersunk Screw Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89 APICAL QA 15 ACCEPT	T.A.	11-05-12	2	2	0
	BOM: 649.5012- DEFLECTOR Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89 11-05-12	T.A.	11-05-12	2	2	0
	BOM: 601.3555- Bolt Qty Per: 4 Qty Need: 20 UOM: EA DAS 31 9-89	T.A.	11-05-12	4	4	0
	BOM: 649.5211- SHIM Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12	1	1	0
	BOM: 601.1365- SCREW (MS27039-1-10) Qty Per: 6 Qty Need: 30 UOM: EA DAS 31 9-89	T.A.	11-05-12	6	6	0
	BOM: 601.3472- CHERRY RIVET Qty Per: 20 Qty Need: 100 UOM: EA DAS 31 9-89	T.A.	11-05-12	20	20	0
	BOM: 601.3289- SCREW Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 649.5011- DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12	1	1	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:28 PM

Qty Required: 5

NOTES:

Qty Comp

Date: 11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5210 DOUBLER Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 5 UOM: EA APICAL QA 15 ACCEPT DAS 31 9-89	T.A.	11-05-12	1	1	0
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89 11-05-12	T.A.	11-05-12	1	1	0
	BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 20 UOM: EA DAS 31 9-89	T.A.	11-05-12	4	4	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 649.4816 DOUBLER Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12	1	1	0
	BOM: 601.1616 RIVET (MS20426AD3-5) Qty Per: 12 Qty Need: 60 UOM: EA DAS 31 9-89	T.A.	11-05-12	12	12	0
	BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0

NOTES:

NEXT
HIGHER

MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:28 PM

Qty Required: 5

NOTES:

Qty Comp

Date 11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1900 NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 30 UOM: EA DAS 31 9-89	T.A.	11-05-12	6	6	0
	BOM: 649.5013 DEFLECTOR Qty Per: 2 Qty Need: 10 UOM: EA APICAL QA 15 ACCEPT DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 601.3470 WASHER Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89 11-05-12	T.A.	11-05-12	2	2	0
	BOM: 601.1483 CHERRYMAX RIVET Qty Per: 29 Qty Need: 145 UOM: EA DAS 31 9-89	T.A.	11-05-12	29	29	0
	BOM: 601.3124 MS27039-0824 SCREW Qty Per: 3 Qty Need: 15 UOM: EA DAS 31 9-89	T.A.	11-05-12	3	3	0
	BOM: 649.5214 BRACKET Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12	1	1	0
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/2) Qty Per: 4 Qty Need: 20 UOM: EA DAS 31 9-89	T.A.	11-05-12	4	4	0
	BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q) Qty Per: 14 Qty Need: 70 UOM: EA DAS 31 9-89	T.A.	11-05-12	14	14	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 40 UOM: EA DAS 31 9-89	T.A.	11-05-12	8	8	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:29 PM

Qty Required: 5

Qty Comp

Date 11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 6012765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 30 UOM: EA DAS 31 9-89 APICAL QA 15 ACCEPT 11-05-12	T.A.	11-05-12		6	0
	BOM: 6494811 CLIP Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12		1	0
	BOM: 6011607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA Qty Per: 53 Qty Need: 265 UOM: EA DAS 31 9-89	T.A.	11-05-12		53	0
	BOM: 6479014 STRUT BRACKET Qty Per: 8 Qty Need: 40 UOM: EA DAS 31 9-89	T.A.	11-05-12		8	0
	BOM: 6012020 RIVET CR3213-5-3 100EA/PKG Qty Per: 16 Qty Need: 80 UOM: EA DAS 31 9-89	T.A.	11-05-12		16	0
	BOM: 6494812 SHIM Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12		1	0
	BOM: 6013459 INSERT, NAS1832-3-7 TYE2002-3-7 Qty Per: 8 Qty Need: 40 UOM: EA DAS 31 9-89	T.A.	11-05-12		8	0
	BOM: 6013473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12		2	0
	BOM: 64619910 STRUT Qty Per: 4 Qty Need: 20 UOM: EA DAS 31 9-89	T.A.	11-05-12		4	0

NOTES:

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORIS

Printed: 9/19/2012 1:18:30 PM

Qty Required: 5

NOTES:

Qty Comp

Date

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.2638 NAS1149F0432P Qty Per: 8 Qty Need: 40 UOM: EA DAS 31 9-89 APICAL QA 15 ACCEPT	T.A.	11-05-12		8	0
	BOM: 601.3151 WASHER Qty Per: 16 Qty Need: 80 UOM: EA DAS 31 9-89	T.A.	11-05-12		16	0
	BOM: 601.2045 RTV (LOCTITE 598) Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12		1	0
	BOM: 649.5112 RH WIPER DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12		1	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 20 UOM: EA DAS 31 9-89	T.A.	11-05-12		4	0
	BOM: 649.4813 SHIM Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12		2	0
	BOM: 601.1125 RIVET MS20470AD5-11 Qty Per: 8 Qty Need: 40 UOM: EA DAS 31 9-89	T.A.	11-05-12		8	0
	BOM: 601.3008 INSERT SL603-3-300S OR ALT. (NAS1834-3-300) Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12		2	0
	BOM: 649.5213 DOUBLER Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12		2	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:31 PM

Qty Required: 5

NOTES:

Qty Comp

Date 11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3190 SCREW Qty Per: 13 Qty Need: 65 UOM: EA DAS 31 9-89	T.A.	11-05-12	13	13	0
	BOM: 601.2669 BOLT AN4C7A Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89 APICAL 0415 ACCEPT	T.A.	11-05-12	2	2	0
	BOM: 601-1624 MS21042-3 NUT Qty Per: 25 Qty Need: 125 UOM: EA DAS 31 9-89 11-05-12	T.A.	11-05-12	25	25	0
	BOM: 649.4814 DOUBLER Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 601.3146 Screw Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 601.2764 WASHER (NAS1149FN832P) Qty Per: 23 Qty Need: 115 UOM: EA DAS 31 9-89	T.A.	11-05-12	23	23	0
	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 10 UOM: EA DAS 31 9-89	T.A.	11-05-12	2	2	0
	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 5 UOM: EA DAS 31 9-89	T.A.	11-05-12	1	1	0
	Start Work:	Stop Work:				

NOTES:

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 8 of 8

MO#: M11165



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 9/19/2012 1:18:32 PM

Qty Required: 5

Qty Comp

Date: 11-05-12

Qty Insp

Rev.: B

ECN #:

Reference:

Serial No.:

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
20	BUILD SUB-ASSY					
	BOM: Assembly: 649.4902 LOWER CUTTER ASSY Qty Per: 1 Qty Need: 5 UOM: EA MO#: M11165-1 Start Work: Stop Work:	T.A.	11-05-12		1	0
30	BUILD SUB-ASSY					
	BOM: Assembly: 649.4901 UPPER CUTTER ASSY Qty Per: 1 Qty Need: 5 UOM: EA MO#: M11165-2 Start Work: Stop Work:	T.A.	11-05-12		1	0
	<div style="text-align: center;"> APICAL QA 15 ACCEPT 11-05-12 </div>					
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

HOT

CCK #

NOTES:
S/O 8333 PO 2800 DD 2/28

MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:16 AM

Qty Required: 3

Qty Comp

Date
03.12.13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

030

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	03.12.13	4	4	0
	BOM: 601.3473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.0788 BOLT (AN3C-12A) Qty Per: 8 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	03.12.13	8	8	0
	BOM: 601.1365 SCREW (MS27039-1-10) Qty Per: 6 Qty Need: 18 UOM: EA DAS 27 9-89	L.H.	03.12.13	6	6	0
	BOM: 601.3459 INSERT, NAS1832-3-7 TYE2002-3-7 Qty Per: 8 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	03.12.13	8	8	0
	BOM: 601.1616 RIVET (MS20426AD3-5) Qty Per: 12 Qty Need: 36 UOM: EA DAS 27 9-89	L.H.	03.12.13	12	12	0
	BOM: 649.5213 DOUBLER Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
NOTES:	<div>3-13-13</div> <div>403</div> <div>2003</div>					
	NEXT HIGHER MO#: N/A					

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:17 AM

Qty Required: 3

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

030

NOTES:
S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5210 DOUBLER Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 649.4813 SHIM Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.3536 Countersunk Screw Qty Per: 3 Qty Need: 9 UOM: EA DAS 27 9-89	L.H.	03.12.13	3	3	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.2045 RTV (LOCTITE 598) Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0
	BOM: 649.5013 DEFLECTOR Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 649.5112 RH WIPER DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0
	BOM: 601.3190 SCREW Qty Per: 13 Qty Need: 39 UOM: EA DAS 27 9-89	L.H.	03.12.13	13	13	0
	BOM: 649.4814 DOUBLER Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
NOTES:	3-13-13					NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:18 AM

Qty Required: 3

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

030

NOTES:
S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0
	BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.2669 BOLT Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.3537 Countersunk Screw Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.1183 CHERRYMAX RIVET Qty Per: 29 Qty Need: 87 UOM: EA DAS 27 9-89	L.H.	03.12.13	29	29	0
	BOM: 601.2764 WASHER (NAS1149FN832P) Qty Per: 23 Qty Need: 69 UOM: EA DAS 27 9-89	L.H.	03.12.13	23	23	0
	BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A035, AN960-10L, NA Qty Per: 53 Qty Need: 159 UOM: EA DAS 27 9-89	L.H.	03.12.13	53	53	0
	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0

NOTES:

3-13-13
[Signature]

NEXT
HIGHER

MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M12660

PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:19 AM

Qty Required: 3

Qty Comp

Date 03.12.13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 030

NOTES:
S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5012 DEFLECTOR Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03.12.13	2	2	0
	BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q) Qty Per: 14 Qty Need: 42 UOM: EA DAS 27 9-89	L.H.	03.12.13	14	14	0
	BOM: 646.9910 STRUT Qty Per: 4 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	03.12.13	4	4	0
	BOM: 601.1624 MS21042-3 NUT Qty Per: 25 Qty Need: 75 UOM: EA DAS 27 9-89	L.H.	03.12.13	25	25	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	03.12.13	8	8	0
	BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0
	BOM: 601.1622 SCREW Qty Per: 4 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	03.12.13	4	4	0
	BOM: 601.2765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 18 UOM: EA DAS 27 9-89	L.H.	03.12.13	6	6	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03.12.13	1	1	0
NOTES:	3-13-13 NEXT HIGHER MO#: N/A					

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:19 AM

Qty Required: 3

Qty Comp

Date 02-12-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 030

NOTES:
S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3289 SCREW Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	02-12-13	2	2	0
	BOM: 601.3151 WASHER Qty Per: 16 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	02-12-13	16	16	0
	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	02-12-13	2	2	0
	BOM: 649.4812 SHIM Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	02-12-13	1	1	0
	BOM: 647.9014 STRUT BRACKET Qty Per: 8 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	02-12-13	8	8	0
	BOM: 601.3555 Bolt Qty Per: 4 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	02-12-13	4	4	0
	BOM: 601.3146 Screw Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	02-12-13	2	2	0
	BOM: 649.5011 DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	02-12-13	1	1	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 93 UOM: EA DAS 27 9-89	L.H.	02-12-13	31	31	0
NOTES:						3-13-13 LEAD APCFP
						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:20 AM

Qty Required: 3

Qty Comp

Date 03/12/13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 030

NOTES:

S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3472 CHERRY RIVET Qty Per: 20 Qty Need: 60 UOM: EA DAS 27 9-89	L.H.	03-12-13	20	20	0
	BOM: 649.5211 SHIM Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03-12-13	1	1	0
	BOM: 649.4815 SHIM Qty Per: 3 Qty Need: 9 UOM: EA DAS 27 9-89	L.H.	03-12-13	3	3	0
	BOM: 649.4816 DOUBLER Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03-12-13	1	1	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 26 EA/PKG Qty Per: 4 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	03-12-13	4	4	0
	BOM: 601.3124 SCREW Qty Per: 3 Qty Need: 9 UOM: EA DAS 27 9-89	L.H.	03-12-13	3	3	0
	BOM: 649.5214 BRACKET Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03-12-13	1	1	0
	BOM: 601.3008 INSERT Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03-12-13	2	2	0
	BOM: 601.1125 RIVET MS20470AD5-11 Qty Per: 8 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	03-12-13	8	8	0
NOTES:	3-13-13 1					NEXT HIGHER MO# N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:21 AM

Qty Required: 3

Qty Comp

Date 03/12/13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 030

NOTES:
S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.2020 RIVET CR3213-5-3 100EA/PKG Qty Per: 16 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	03/12/13	10	16	0
	BOM: 601.3470 WASHER Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03/12/13	2	2	0
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 3 UOM: EA DAS 27 9-89	L.H.	03/12/13	1	1	0
	BOM: 601.3474 CHERRY RIVET Qty Per: 2 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	03/12/13	2	2	0
	BOM: 601.1900 NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 18 UOM: EA DAS 27 9-89	L.H.	03/12/13	6	6	0
	BOM: 601.2638 NAS1149F0432P Qty Per: 8 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	03/12/13	8	8	0
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/ Qty Per: 4 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	03/12/13	4	4	0
	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 69 UOM: EA DAS 27 9-89	L.H.	03/12/13	23	23	0
Start Work:		Stop Work:				

NOTES:

NEXT
HIGHER
MO#: N/A

Apic... Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 8 of 8

MO#: M12660



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 6:50:22 AM

Qty Required: 3

[illegible]

Date 05.12.13

Qty Insp

Rev.: B

ECN #: 03732






Reference:

Serial No.:

030

NOTES:

S/O 8333 PO 2800 DD 2/28

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
20	BUILD SUB-ASSY					
	BOM: Assembly:649.4902 LOWER CUTTER ASSY Qty Per: 1 Qty Need: 3 UOM: EA MO#:M126609 DAS 27	L.H.	03.12.13	1	1	0
	Start Work:  Stop Work: 					
30	BUILD SUB-ASSY					
	BOM: Assembly:649.4901 UPPER CUTTER ASSY Qty Per: 1 Qty Need: 3 UOM: EA MO#:M126602 DAS 27	L.H.	03.12.13	1	1	0
	Start Work:  Stop Work: 					
NOTES:						3-13-13  NEXT HIGHER MO#:N/A

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MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:40 AM

Qty Required: 2

Qty Comp

Date
03/12/13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 MS
034-3/13/13

STOCK

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 647.9014 STRUT BRACKET Qty Per: 8 Qty Need: 15 DAS 6 9-89	L.H.	03/12/13	8	8	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 62 DAS 6 9-89	L.H.	03/12/13	31	31	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 8 DAS 6 9-89	L.H.	03/12/13	4	4	0
	BOM: 601.2765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 12 DAS 6 9-89	L.H.	03/12/13	6	6	0
	BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 4 DAS 6 9-89	L.H.	03/12/13	2	2	0
	BOM: 601.3473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 4 DAS 6 9-89	L.H.	03/12/13	2	2	0
	BOM: 649.5043 DEFLECTOR Qty Per: 2 Qty Need: 4 DAS 6 9-89	L.H.	03/12/13	2	2	0
	BOM: 646.9910 STRUT Qty Per: 4 Qty Need: 8 DAS 6 9-89	L.H.	03/12/13	4	4	0

NOTES:

4-3-13
4-3-13
4-3-13NEXT
HIGHER
MO#: N/A

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KIT 034

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:41 AM

Qty Required: 2

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 MS
034 3/13/13

STOCK

SEQ

OPERATIONS

Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

BOM: 601.1183 CHERRYMAX RIVET

Qty Per: 29 Qty Need: 58

DAS
6
9-89

L.H.

03/12/13

29

29

0

BOM: 601.3190 SCREW

Qty Per: 13 Qty Need: 26

DAS
6
9-89

L.H.

03/12/13

13

13

0

BOM: 649.5111 LH WIPER DEFLECTOR

Qty Per: 1 Qty Need: 2

DAS
6
9-89

L.H.

03/12/13

1

1

0

BOM: 649.5212 BRACKET

Qty Per: 1 Qty Need: 2

DAS
6
9-89

L.H.

03/12/13

1

1

0

BOM: 601.1616 RIVET (MS20426AD3-5)

Qty Per: 12 Qty Need: 24

DAS
6
9-89

L.H.

03/12/13

12

12

0

BOM: 601.2638 NAS1149F0432P

Qty Per: 8 Qty Need: 16

DAS
6
9-89

L.H.

03/12/13

8

8

0

BOM: 601.0788 BOLT (AN3C-12A)

Qty Per: 8 Qty Need: 16

DAS
6
9-89

L.H.

03/12/13

8

8

0

BOM: 601.3459 INSERT, NAS1832-3-7 TYE2002-3-7

Qty Per: 8 Qty Need: 16

DAS
6
9-89

L.H.

03/12/13

8

8

0

BOM: 601.1622 SCREW

Qty Per: 4 Qty Need: 8

DAS
6
9-89

L.H.

03/12/13

4

4

0

NOTES:

4-3-13

NEXT
HIGHER
MO#: N/A

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MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:42 AM

Qty Required: 2

STOCK

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 ms
034 3/13/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/					
	Qty Per: 4 Qty Need: 8 DAS 6 9-89	LH	03.12.13	4	4	0
	BOM: 601.1125 RIVET MS20470AD5-11 DAS 6 9-89	LH	03.12.13	8	8	0
	BOM: 649.5112 RH WIPER DEFLECTOR DAS 6 9-89	LH	03.12.13	1	1	0
	BOM: 601.2669 BOLT DAS 6 9-89	LH	03.12.13	2	2	0
	BOM: 601.3537 Countersunk Screw DAS 6 9-89	LH	03.12.13	2	2	0
	BOM: 649.5012 DEFLECTOR DAS 6 9-89	LH	03.12.13	2	2	0
	BOM: 601.1365 SCREW (MS27039-1-10) DAS 6 9-89	LH	03.12.13	6	6	0
	BOM: 601.1900 NUT PLATE MS21059-3 DAS 6 9-89	LH	03.12.13	6	6	0
	BOM: 649.4812 SRIM DAS 6 9-89	LH	03.12.13	1	1	0
NOTES:						
						NEXT HIGHER MO# N/A

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KIT 101

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:42 AM

Qty Required: 2

Qty Comp

Date 03/12/13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 MS
034 3/13/13

STOCK

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q Qty Per: 14 Qty Need: 28 DAS 6 9-89	L.H.	03/12/13	14	14	0
	BOM: 649.4814 DOUBLER Qty Per: 2 Qty Need: 4 DAS 6 9-89	L.H.	03/12/13	2	2	0
	BOM: 601.3536 Countersunk Screw Qty Per: 3 Qty Need: 6 DAS 6 9-89	L.H.	03/12/13	3	3	0
	BOM: 601.3555 Bolt Qty Per: 4 Qty Need: 8 DAS 6 9-89	L.H.	03/12/13	4	4	0
	BOM: 601.4624 MS21042-3 NUT Qty Per: 25 Qty Need: 50 DAS 6 9-89	L.H.	03/12/13	25	25	0
	BOM: 601.3289 SCREW Qty Per: 2 Qty Need: 4 DAS 6 9-89	L.H.	03/12/13	2	2	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 2 DAS 6 9-89	L.H.	03/12/13	1	1	0
	BOM: 601.3472 CHERRY RIVET Qty Per: 20 Qty Need: 40 DAS 6 9-89	L.H.	03/12/13	20	20	0
	BOM: 601.3008 INSERT Qty Per: 2 Qty Need: 4 DAS 6 9-89	L.H.	03/12/13	2	2	0

NOTES:

4-3-13

NEXT
HIGHER

MO#: N/A

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KIT 034

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:43 AM

Qty Required: 2

Qty Comp

Date 02.12.13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

031 MS
034 3/13/13

Serial No.:

STOCK

SEQ

OPERATIONS

Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

BOM: 649.5210 DOUBLER

Qty Per: 2 Qty Need: 4

DAS
6
9-89

L.H.

02.12.13

2

2

0

BOM: 601.3474 CHERRY RIVET

Qty Per: 2 Qty Need: 4

DAS
6
9-89

L.H.

02.12.13

2

2

0

BOM: 601.2020 RIVET-GR3213-5-3-100EA/RKG

Qty Per: 16 Qty Need: 32

DAS
6
9-89

L.H.

03.12.13

16

16

0

BOM: 601.3493 Quick Release Pin

Qty Per: 2 Qty Need: 4

DAS
6
9-89

L.H.

03.12.13

2

2

0

BOM: 649.5011 DEFLECTOR

Qty Per: 1 Qty Need: 2

DAS
6
9-89

L.H.

03.12.13

1

1

0

BOM: 649.4816 DOUBLER

Qty Per: 1 Qty Need: 2

DAS
6
9-89

L.H.

03.12.13

1

1

0

BOM: 649.5010 DEFLECTOR

Qty Per: 1 Qty Need: 2

DAS
6
9-89

L.H.

03.12.13

1

1

0

BOM: 649.5110 WIPER DEFLECTOR

Qty Per: 2 Qty Need: 4

DAS
6
9-89

L.H.

03.12.13

2

2

0

BOM: 601.3146 Screw

Qty Per: 2 Qty Need: 4

DAS
6
9-89

L.H.

03.12.13

2

2

0

NOTES:

NEXT
HIGHER

MO#: N/A

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KIT 034

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:44 AM

Qty Required: 2

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 MS
034 3/13/13

STOCK

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3209 LOCKNUT DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	1	0
	Qty Per: 1 Qty Need: 2					
	BOM: 649.5211 SHIM DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	1	0
	Qty Per: 1 Qty Need: 2					
	BOM: 601.3124 SCREW DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	3	0
	Qty Per: 3 Qty Need: 6					
	BOM: 649.4813 SHIM DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	2	0
	Qty Per: 2 Qty Need: 4					
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG 2 6 8 DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	4	0
	Qty Per: 4 Qty Need: 8					
	BOM: 649.5243 DOUBLER DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	2	0
	Qty Per: 2 Qty Need: 4					
	BOM: 649.4811 CLIP DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	1	0
	Qty Per: 1 Qty Need: 2					
	BOM: 601.2764 WASHER (NAS1149FN832P) DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	23	0
	Qty Per: 23 Qty Need: 46					
	BOM: 601.1773 RIVET DAS 6 9-89	LH.	03.12.13	<input type="checkbox"/>	23	0
	Qty Per: 23 Qty Need: 46					

NOTES:

4-3-13
3

NEXT
HIGHER
MO#: N/A

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MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:45 AM

Qty Required: 2

Qty Comp

Date 03-12-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 us
034 3/13/13

STOCK

SEQ

OPERATIONS

Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

BOM: 649.5274 BRACKET

DAS
6
9-89

Qty Per: 1 Qty Need: 2

L.H.

03-12-13

1

1

0

BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA

DAS
6
9-89

Qty Per: 53 Qty Need: 106

L.H.

03-12-13

53

53

0

BOM: 649.4815 SHIM

DAS
6
9-89

Qty Per: 3 Qty Need: 6

L.H.

03-12-13

3

3

0

BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S

DAS
6
9-89

Qty Per: 2 Qty Need: 4

L.H.

03-12-13

2

2

0

BOM: 601.3470 WASHER

DAS
6
9-89

Qty Per: 2 Qty Need: 4

L.H.

03-12-13

2

2

0

BOM: 601.2045 RTV (LOCTITE 598)

DAS
6
9-89

Qty Per: 1 Qty Need: 2

L.H.

03-12-13

1

1

0

BOM: 601.2384 WASHER 90945A740

DAS
6
9-89

Qty Per: 8 Qty Need: 16

L.H.

03-12-13

8

8

0

BOM: 601.3151 WASHER



Qty Per: 16 Qty Need: 32

L.H.

03-12-13

16

16

0

Start Work:



Stop Work:



NOTES:

4-3-13

NEXT
HIGHER

MO#: N/A

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MANUFACTURING - ROUTE SHEET

PAGE: 8 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:47:45 AM

Qty Required: 2

Qty Comp

Date

03/12/13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

031 M9
034 3/13/13

STOCK

SEQ

OPERATIONS

20

BUILD SUB-ASSY

BOM: Assembly: 649.4902 LOWER CUTTER ASSY

Qty Per: 1 Qty Need: 2 MO#: M12661-1

Start Work:



Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

L.H.

03/12/13

Stop Work:



30

BUILD SUB-ASSY

BOM: Assembly: 649.4901 UPPER CUTTER ASSY

Qty Per: 1 Qty Need: 2 MO#: M12661-2

Start Work:



L.H.

03/12/13

Stop Work:



NOTES:

NEXT
HIGHER

MO#: N/A

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CCK

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MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:46:20 AM

Qty Required: 2

Qty Comp

Date
4-3-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

033

STOCK

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 647.9014 STRUT BRACKET Qty Per: 8 Qty Need: 16 DAS 6 9-89	Teresa Aguilar	4-3-13	8	8	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 62 DAS 3 30	Teresa Aguilar	4-3-13	31	31	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 8 DAS 6 9-89	Teresa Aguilar	4-3-13	4	4	0
	BOM: 601.2765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 12 DAS 6 9-89	Teresa Aguilar	4-3-13	6	6	0
	BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 4 DAS 6 9-89	Teresa Aguilar	4-3-13	2	2	0
	BOM: 601.3473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 4 DAS 6 9-89	Teresa Aguilar	4-3-13	2	2	0
	BOM: 649.5013 DEFLECTOR Qty Per: 2 Qty Need: 4 DAS 6 9-89	Teresa Aguilar	4-3-13	2	2	0
	BOM: 646.9910 STRUT Qty Per: 4 Qty Need: 8 DAS 6 9-89	Teresa Aguilar	4-3-13	4	4	0

NOTES:

4-3-13
CCK
DART

NEXT
HIGHER

MO#: N/A

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United States
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CCX

K117 033

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:46:21 AM

Qty Required: 2

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

033

STOCK

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
✓	BOM: 601.1183 CHERRYMAX RIVET Qty Per: 29 Qty Need: 58 DAS 6 9-89	Teresa Aguilar	4-3-13	29	29	0
	BOM: 601.3190 SCREW Qty Per: 13 Qty Need: 26 DAS 6 9-89	Teresa Aguilar	4-3-13	13	13	0
	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 2 DAS 6 9-89	Teresa Aguilar	4-3-13	1	1	0
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 2 DAS 6 9-89	Teresa Aguilar	4-3-13	1	1	0
✓	BOM: 601.1616 RIVET (MS20426AD3-5) Qty Per: 12 Qty Need: 24 DAS 6 9-89	Teresa Aguilar	4-3-13	12	12	0
	BOM: 601.2638 NAS1149F0432P Qty Per: 8 Qty Need: 16 DAS 6 9-89	Teresa Aguilar	4-3-13	8	8	0
	BOM: 601.0788 BOLT (AN3C-12A) Qty Per: 8 Qty Need: 16 DAS 6 9-89	Teresa Aguilar	4-3-13	8	8	0
	BOM: 601.3459 INSERT, NAS1832-3-3 Qty Per: 8 Qty Need: 16 DAS 6 9-89	Teresa Aguilar	4-3-13	8	8	0
	BOM: 601.1622 SCREW Qty Per: 4 Qty Need: 8 DAS 6 9-89	Teresa Aguilar	4-3-13	4	4	0

NOTES:

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc. CCK

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Oceanside, CA 92056-3512
United States
Ph: 760-724-5300, Fax: 760-758-9612

KIT 033

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:46:21 AM

Qty Required: 2

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

033

STOCK

SEQ

OPERATIONS

Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 4, 1/

Qty Per: 4 Qty Need: 8

DAS
6
9-89

Teresa Aguilar

4-3-13

4

4

0

BOM: 601.1125 RIVET MS20470AD5-11

Qty Per: 8 Qty Need: 16

DAS
6
9-89

Teresa Aguilar

4-3-13

8

8

0

BOM: 649.5112 RH WIPER DEFLECTOR

Qty Per: 1 Qty Need: 2

DAS
6
9-89

Teresa Aguilar

4-3-13

1

1

0

BOM: 601.2669 BOLT

Qty Per: 2 Qty Need: 4

DAS
6
9-89

Teresa Aguilar

4-3-13

2

2

0

BOM: 601.3537 Countersunk Screw

Qty Per: 2 Qty Need: 4

DAS
6
9-89

Teresa Aguilar

4-3-13

2

2

0

BOM: 649.5012 DEFLECTOR

Qty Per: 2 Qty Need: 4

DAS
6
9-89

Teresa Aguilar

4-3-13

2

2

0

BOM: 601.1365 SCREW (MS27039-1-10)

Qty Per: 6 Qty Need: 12

DAS
6
9-89

Teresa Aguilar

4-3-13

6

6

0

BOM: 601.1900 NUT PLATE MS21059-3

Qty Per: 6 Qty Need: 12

DAS
6
9-89

Teresa Aguilar

4-3-13

6

6

0

BOM: 649.4812 SHIM

Qty Per: 1 Qty Need: 2

DAS
6
9-89

Teresa Aguilar

4-3-13

1

1

0

NOTES:

NEXT
HIGHER

MO#: N/A

Apical Industries, Inc.

2608 Temple Heights Dr.
Oceanside, CA 92056-3512
United States
Ph: 760-724-5300, Fax: 760-758-9612

KIT 033

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:46:22 AM

Qty Required: 2

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

033

STOCK

SEQ

OPERATIONS

Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q

Qty Per: 14 Qty Need: 28

DAS
6
9-89

T.A

4-3-13

14

14

0

BOM: 649.4814 DOUBLER

Qty Per: 2 Qty Need: 4

DAS
6
9-89

T.A

4-3-13

2

2

0

BOM: 601.3536 Countersunk Screw

Qty Per: 3 Qty Need: 6

DAS
6
9-89

T.A

4-3-13

3

3

0

BOM: 601.3555 Bolt

Qty Per: 4 Qty Need: 8

DAS
6
9-89

T.A

4-3-13

4

4

0

BOM: 601.1624 MS21042-3 NUT

Qty Per: 25 Qty Need: 50

DAS
6
9-89

T.A

4-3-13

25

25

0

BOM: 601.3289 SCREW

Qty Per: 2 Qty Need: 4

DAS
6
9-89

T.A

4-3-13

2

2

0

BOM: 600.1012 SEALANT PR-1425B2

Qty Per: 1 Qty Need: 2

DAS
6
9-89

T.A

4-3-13

1

1

0

BOM: 601.3472 CHERRY RIVET

Qty Per: 20 Qty Need: 40

DAS
6
9-89

T.A

4-3-13

20

20

0

BOM: 601.3008 INSERT

Qty Per: 2 Qty Need: 4

DAS
6
9-89

T.A

4-3-13

2

2

0

NOTES:

4-3-13
PICA
QA
CO

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

2608 Temple Heights Dr.
Oceanside, CA 92056-3512
United States
Ph: 760-724-5300, Fax: 760-758-9612

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M12661**PART NO: 649.4701****CUSTOMER: DART SALES INC****DESCRIPTION: A119 CABLE CUTTERS KIT****Qty Per Assy: N/A****Work Type: MORS****Printed: 2/21/2013 7:46:23 AM****Qty Required: 2****Qty Comp****Date**
4-3-13**Qty Insp****Rev.: B****ECN #: 03732****Reference:****Serial No.: 033****STOCK**

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5210 DOUBLER DAS 6 9-89 Qty Per: 2 Qty Need: 4	Teresa Aguilar	4-3-13	2	2	0
	BOM: 601.3474 CHERRY RIVET DAS 6 9-89 Qty Per: 2 Qty Need: 4	Teresa Aguilar	4-3-13	2	2	0
	BOM: 601.2020 RIVET CR3213-5-3 100EA/PKG DAS 6 9-89 Qty Per: 16 Qty Need: 32	Teresa Aguilar	4-3-13	16	16	0
	BOM: 601.3493 Quick Release Pin DAS 6 9-89 Qty Per: 2 Qty Need: 4	Teresa Aguilar	4-3-13	2	2	0
	BOM: 649.5011 DEFLECTOR DAS 6 9-89 Qty Per: 1 Qty Need: 2	Teresa Aguilar	4-3-13	1	1	0
	BOM: 649.4816 DOUBLER DAS 6 9-89 Qty Per: 1 Qty Need: 2	Teresa Aguilar	4-3-13	1	1	0
	BOM: 649.5010 DEFLECTOR DAS 6 9-89 Qty Per: 1 Qty Need: 2	Teresa Aguilar	4-3-13	1	1	0
	BOM: 649.5110 WIPER DEFLECTOR DAS 6 9-89 Qty Per: 2 Qty Need: 4	Teresa Aguilar	4-3-13	2	2	0
	BOM: 601.3146 Screw DAS 6 9-89 Qty Per: 2 Qty Need: 4	Teresa Aguilar	4-3-13	2	2	0

NOTES:

4-3-13
Teresa Aguilar

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

2608 Temple Heights Dr.
Oceanside, CA 92056-3512
United States
Ph: 760-724-5300, Fax: 760-758-9612

033

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:46:23 AM

Qty Required: 2

Qty Comp

Date
4-3-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 033

STOCK

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 2 DAS 6 9-89	Teresa Aguilar	4-3-13	1	1	0
	BOM: 649.5211 SHIM Qty Per: 1 Qty Need: 2 DAS 6 9-89	Teresa Aguilar	4-3-13	1	1	0
	BOM: 601.3124 SCREW Qty Per: 3 Qty Need: 6 DAS 6 9-89	Teresa Aguilar	4-3-13	3	3	0
	BOM: 649.4813 SHIM Qty Per: 2 Qty Need: 4 DAS 6 9-89	Teresa Aguilar	4-3-13	2	2	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 8 DAS 6 9-89	Teresa Aguilar	4-3-13	4	4	0
	BOM: 649.5213 DOUBLER Qty Per: 2 Qty Need: 4 DAS 6 9-89	Teresa Aguilar	4-3-13	2	2	0
	BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 2 DAS 6 9-89	Teresa Aguilar	4-3-13	1	1	0
	BOM: 601.2764 WASHER (NAS1149FN832P) Qty Per: 23 Qty Need: 46 DAS 6 9-89	Teresa Aguilar	4-3-13	23	23	0
	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 46 DAS 6 9-89	Teresa Aguilar	4-3-13	23	23	0

NOTES:

4-3-13

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

2608 Temple Heights Dr.
Oceanside, CA 92056-3512
United States
Ph: 760-724-5300, Fax: 760-758-9612

033

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M12661



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 2/21/2013 7:46:24 AM

Qty Required: 2

Qty Comp

Date
4-3-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

033

STOCK

SEQ

OPERATIONS

Signature

Date

Qty Processed

Qty Accepted

Qty Rejected

BOM: 649.5214 BRACKET

DAS

Qty Per: 1 Qty Need: 2

6

9-89

Teresa Aguilar

4-3-13

BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA

Qty Per: 53 Qty Need: 106

6

9-89

Teresa Aguilar

4-3-13

BOM: 649.4815 SHIM

DAS

6

Qty Per: 3 Qty Need: 6

9-89

Teresa Aguilar

4-3-13

BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S

DAS

6

9-89

Teresa Aguilar

4-3-13

BOM: 601.3470 WASHER

DAS

6

Qty Per: 2 Qty Need: 4

9-89

Teresa Aguilar

4-3-13

BOM: 601.2045 RTV (LOCTITE 598)

DAS

6

Qty Per: 1 Qty Need: 2

9-89

Teresa Aguilar

4-3-13

BOM: 601.2384 WASHER 90945A740

DAS

6

Qty Per: 8 Qty Need: 16

9-89

Teresa Aguilar

4-3-13

BOM: 601.3151 WASHER

DAS

6

Qty Per: 16 Qty Need: 32

9-89

Teresa Aguilar

4-3-13

Start Work:



Stop Work:



NOTES:

4-3-13



NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

2608 Temple Heights Dr.
Oceanside, CA 92056-3512
United States
Ph: 760-724-5300, Fax: 760-758-9612

MANUFACTURING - ROUTE SHEET

PAGE: 8 of 8

MO#: M12661**PART NO: 649.4701****CUSTOMER: DART SALES INC****DESCRIPTION: A119 CABLE CUTTERS KIT****Qty Per Assy: N/A****Work Type: MORS****Printed: 2/21/2013 7:46:25 AM****Qty Required: 2****Qty Comp****Date****Qty Insp****Rev.: B****ECN #: 03732****Reference:****Serial No.:**

033

STOCK**SEQ****OPERATIONS****Signature****Date****Qty Processed****Qty Accepted****Qty Rejected**

20

BUILD SUB-ASSY**BOM: Assembly: 649.4902 LOWER CUTTER ASSY****DAS**

6

9-89

Qty Per: 1 Qty Need: 2 MO#: M12661-1

Teresa Aguilar

4-3-13

1

1

0

Start Work:**Stop Work:**

30

BUILD SUB-ASSY**BOM: Assembly: 649.4901 UPPER CUTTER ASSY****DAS**

6

9-89

Qty Per: 1 Qty Need: 2 MO#: M12661-2

Teresa Aguilar

4-3-13

1

1

0

Start Work:**Stop Work:****NOTES:**

4-3-13

1234

**NEXT
HIGHER****MO#: N/A**

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:49 AM

Qty Required: 3

Qty Comp

Date 6-17-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 037

CK #

NOTES:

S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 601.1622 SCREW Qty Per: 4 Qty Need: 12 UOM: EA DAS 31 9-89	TA	6-17-13	4	4	0
	BOM: 601.1900 NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 18 UOM: EA DAS 31 9-89	TA	6-17-13	6	6	0
	BOM: 601.3474 CHERRY RIVET Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.2638 NAS1149F0432P Qty Per: 8 Qty Need: 24 UOM: EA DAS 31 9-89	TA	6-17-13	8	8	0
	BOM: 649.4812 SHIM Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA Qty Per: 53 Qty Need: 159 UOM: EA DAS 31 9-89	TA	6-17-13	53	53	0
	BOM: 649.4815 SHIM Qty Per: 3 Qty Need: 9 UOM: EA DAS 31 9-89	TA	6-17-13	3	3	0
	BOM: 601.2020 RIVET CR3213-5-3 100EA/PKG Qty Per: 16 Qty Need: 48 UOM: EA DAS 31 9-89	TA	6-17-13	16	16	0
NOTES:	<p>APICAL QA 15 ACCEPT</p> <p>6/18/13</p>					<p>NEXT HIGHER MO#: N/A</p>

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:50 AM

Qty Required: 3

Qty Comp

Date: 6-17-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 037

NOTES:
S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3146 Screw Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.2764 WASHER (NAS1149FN832P) Qty Per: 23 Qty Need: 69 UOM: EA DAS 31 9-89	TA	6-17-13	23	23	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 649.5211 SHIM Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 601.2045 RTV (LOCTITE 598) Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 601.1365 SCREW (MS27039-1-10) Qty Per: 6 Qty Need: 18 UOM: EA DAS 31 9-89	TA	6-17-13	6	6	0
	BOM: 649.5210 DOUBLER Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.0788 BOLT (AN3C-12A) Qty Per: 8 Qty Need: 24 UOM: EA DAS 31 9-89	TA	6-17-13	8	8	0
NOTES:	APICAL INDUSTRIES, INC. 6/18/13			NEXT HIGHER MO#: N/A		

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:50 AM

Qty Required: 3

Qty Comp

Date 6-17-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 037

NOTES:
S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1183 CHERRYMAX RIVET Qty Per: 29 Qty Need: 87 UOM: EA DAS 31 9-89	TA	6-17-13	29	29	0
	BOM: 601.3536 Countersunk Screw Qty Per: 3 Qty Need: 9 UOM: EA DAS 31 9-89	TA	6-17-13	3	3	0
	BOM: 649.4814 DOUBLER Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TD	6-17-13	2	2	0
	BOM: 601.2669 BOLT Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TD	6-17-13	2	2	0
	BOM: 601.2765 SCREW (MS27039-0819) Qty Per: 6 Qty Need: 18 UOM: EA DAS 31 9-89	TD	6-17-13	6	6	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 24 UOM: EA DAS 31 9-89	TD	6-17-13	8	8	0
	BOM: 601.1541 LOCKNUT(MS21042L08) (8-32 THD) (CAD PLATED) (100 Q) Qty Per: 14 Qty Need: 42 UOM: EA DAS 31 9-89	TD	6-17-13	14	14	0
	BOM: 647.9014 STRUT BRACKET Qty Per: 8 Qty Need: 24 UOM: EA DAS 31 9-89	TA	6-17-13	8	8	0
	BOM: 601.3459 INSERT, NAS1832-3-7 TYE2002-3-7 Qty Per: 8 Qty Need: 24 UOM: EA DAS 31 9-89	TA	6-17-13	8	8	0
NOTES:	<p>APICAL INDUSTRIES, INC. 6/18/13</p> <p>ACCEPT</p>					<p>NEXT HIGHER</p> <p>MO#: N/A</p>

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:51 AM

Qty Required: 3

Qty Comp

Date 6-17-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 037

NOTES:

S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	T.A	6-17-13	2	2	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 12 UOM: EA DAS 31 9-89	T.A	6-17-13	4	4	0
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/ Qty Per: 4 Qty Need: 12 UOM: EA DAS 31 9-89	T.A	6-17-13	4	4	0
	BOM: 601.1125 RIVET MS20470AD5-11 Qty Per: 8 Qty Need: 24 UOM: EA DAS 31 9-89	T.A	6-17-13	8	8	0
	BOM: 601.3289 SCREW Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	T.A	6-17-13	2	2	0
	BOM: 646.9910 STRUT Qty Per: 4 Qty Need: 12 UOM: EA DAS 31 9-89	T.A	6-17-13	4	4	0
	BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	T.A	6-17-13	1	1	0
	BOM: 601.1616 RIVET (MS20426AD3-5) Qty Per: 12 Qty Need: 36 UOM: EA DAS 31 9-89	T.A	6-17-13	12	12	0
	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	T.A	6-17-13	1	1	0
NOTES:	<p>APICAL QA 15 ACCEPT</p> <p>6/18/13</p>					<p>NEXT HIGHER</p> <p>MO#: N/A</p>

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:51 AM

Qty Required: 3

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

037

NOTES:
S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5013 DEFLECTOR Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	22	2	0
	BOM: 601.3470 WASHER Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.3473 RIVET, NAS1097AD-4-3 Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 649.5011 DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	4	1	0
	BOM: 601.3472 CHERRY RIVET Qty Per: 20 Qty Need: 60 UOM: EA DAS 31 9-89	TA	6-17-13	20	20	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 12 UOM: EA DAS 31 9-89	TA	6-17-13	4	4	0
	BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	22	2	0
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 69 UOM: EA DAS 31 9-89	TA	6-17-13	23	23	0
NOTES:	<p>6/18/13</p> <p>APICAL QA 15 ACCEPT</p>					<p>NEXT HIGHER MO#: N/A</p>

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:52 AM

Qty Required: 3

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

037

NOTES:
S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.1624 MS21042-3 NUT Qty Per: 25 Qty Need: 75 UOM: EA DAS 31 9-89	TA	6-17-13	25	25	0
	BOM: 601.3151 WASHER Qty Per: 16 Qty Need: 48 UOM: EA DAS 31 9-89	TA	6-17-13	16	16	0
	BOM: 649.5214 BRACKET Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 601.3555 Bolt Qty Per: 4 Qty Need: 12 UOM: EA DAS 31 9-89	TA	6-17-13	4	4	0
	BOM: 601.3124 SCREW Qty Per: 3 Qty Need: 9 UOM: EA DAS 31 9-89	TA	6-17-13	3	3	0
	BOM: 649.4813 SHIM Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 649.4816 DOUBLER Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 601.3252 MS24694S58 Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
NOTES:	<p>APICAL INDUSTRIES, INC. 6/18/13</p> <p>ACCEPT</p>					<p>NEXT HIGHER</p> <p>MO#: N/A</p>

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:52 AM

Qty Required: 3

Qty Comp

Date

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

037 MS
038 5/8/13

NOTES:

S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5012 DEFLECTOR Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.3496 Cherry Rivet, CR3213-6-12 Qty Per: 31 Qty Need: 93 UOM: EA DAS 31 9-89	TA	6-17-13	31	31	0
	BOM: 601.3008 INSERT Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.3190 SCREW Qty Per: 13 Qty Need: 39 UOM: EA DAS 31 9-89	TA	6-17-13	13	13	0
	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
	BOM: 649.5213 DOUBLER Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 601.3537 Countersunk Screw Qty Per: 2 Qty Need: 6 UOM: EA DAS 31 9-89	TA	6-17-13	2	2	0
	BOM: 649.5112 RH WIPER DEFLECTOR Qty Per: 1 Qty Need: 3 UOM: EA DAS 31 9-89	TA	6-17-13	1	1	0
Start Work:		Stop Work:				

NOTES:

APICAL
QA 15
ACCEPT

6/18/13

NEXT
HIGHER
MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 8 of 8

MO#: M13282



PART NO: 649.4701

CUSTOMER: DART SALES INC

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 5/8/2013 6:40:53 AM

Qty Required: 3

Qty Comp

Date

Qty Insp

Rev.: B





ECN #: 03732

Reference:

Serial No.:

037

NOTES:
S/O 9328 PO5953 DD 7/24/13

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
20	BUILD SUB-ASSY					
	<p>BOM: Assembly: 649.4902 LOWER CUTTER ASSY</p> <p>Qty Per: 1 Qty Need: 3 UOM: EA MO#: M13282-1</p> <p>Start Work:  Stop Work: </p>	TA	6-17-13	4	1	0
30	BUILD SUB-ASSY					
	<p>BOM: Assembly: 649.4901 UPPER CUTTER ASSY</p> <p>Qty Per: 1 Qty Need: 3 UOM: EA MO#: M13282-2</p> <p>Start Work:  Stop Work: </p>	TA	6-17-13	4	1	0
<p>APICAL QA IS ACCEPT</p> <p>6/18/13</p>						
NOTES:						
						NEXT HIGHER MO#: N/A

Apic. Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:49:59 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date
10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

CCK #

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 601.1900 NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 36 UOM: EA APICAL QA 94 ACCEPT 10/8/13 DAS 27 9-89	L.H.	10-07-13	6	6	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
	BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PK Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	0
	BOM: 649.4816 DOUBLER Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.2045 RTV (LOCTITE 598) Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.1541 LOCKNUT (MS21042L08) (8-32 THD) (CAD PLATED) (100 Q Qty Per: 14 Qty Need: 84 UOM: EA DAS 27 9-89	L.H.	10-07-13	14	14	0
NOTES:	COMPLETED 10/8/13					NEXT HIGHER MO# N/A

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:49:59 AM

Qty Required: 6

APICAL

Qty Comp

Date 10-07-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	<p>✓ BOM: 601.3190 SCREW</p> <p>Qty Per: 13 Qty Need: 78 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	13	13	0
	<p>✓ BOM: 601.3472 CHERRY RIVET</p> <p>Qty Per: 20 Qty Need: 120 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	20	20	0
	<p>✓ BOM: 601.2020 RIVET CR3213-5-3 100EA/PKG</p> <p>Qty Per: 16 Qty Need: 96 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	16	16	0
	<p>✓ BOM: 649.5210 DOUBLER</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.1183 CHERRYMAX RIVET</p> <p>Qty Per: 29 Qty Need: 174 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	29	29	0
	<p>✓ BOM: 649.5213 DOUBLER</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA</p> <p>Qty Per: 53 Qty Need: 318 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	53	53	0
	<p>✓ BOM: 601.3146 Screw</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.3289 SCREW</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p> <p>DAS 27 9-89</p>	L.H.	10-07-13	2	2	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:49:59 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date
10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.: 038

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3537 Countersunk Screw 68-6 Qty Per: 2 Qty Need: 12 UOM: EA 27 DAS	L.H.	10-07-13	2	2	0
	BOM: 601.3008 INSERT 68-6 Qty Per: 2 Qty Need: 12 UOM: EA 27 DAS	L.H.	10-07-13	2	2	0
	BOM: 649.5012 DEFLECTOR 68-6 Qty Per: 2 Qty Need: 12 UOM: EA 27 DAS	L.H.	10-07-13	2	2	0
	BOM: 646.9910 STRUT 68-6 Qty Per: 4 Qty Need: 24 UOM: EA 27 DAS	L.H.	10-07-13	4	4	0
	BOM: 601.3459 INSERT, NAS1832-3-7 TYE2002-3-7 68-6 Qty Per: 8 Qty Need: 48 UOM: EA 27 DAS	L.H.	10-07-13	8	8	0
	BOM: 601.3536 Countersunk Screw 68-6 Qty Per: 3 Qty Need: 18 UOM: EA 27 DAS	L.H.	10-07-13	3	3	0
	BOM: 601.2669 BOLT 68-6 Qty Per: 2 Qty Need: 12 UOM: EA 27 DAS	L.H.	10-07-13	2	2	0
	BOM: 649.5214 SHIM 68-6 Qty Per: 1 Qty Need: 6 UOM: EA 27 DAS	L.H.	10-07-13	1	1	0
	BOM: 601.1622 SCREW 68-6 Qty Per: 4 Qty Need: 24 UOM: EA 27 DAS	L.H.	10-07-13	4	4	0
NOTES:						NEXT HIGHER MO#: N/A

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:49:59 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date
10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	<p>✓ BOM: 601.1365 SCREW (MS27039-1-10)</p> <p>Qty Per: 6 Qty Need: 36 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	4	6	✓
	<p>✓ BOM: 601.1125 RIVET MS20470AD5-11</p> <p>Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	8	8	✓
	<p>✓ BOM: 601.2638 NAS1149F0432P</p> <p>Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	8	8	✓
	<p>✓ BOM: 601.3496 Cherry Rivet, CR3213-6-12</p> <p>Qty Per: 31 Qty Need: 186 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	31	31	✓
	<p>✓ BOM: 601.3151 WASHER</p> <p>Qty Per: 16 Qty Need: 96 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	14	16	✓
	<p>✓ BOM: 649.5112 RH WIPER DEFLECTOR</p> <p>Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	1	1	✓
	<p>✓ BOM: 649.4813 SHIM</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	2	2	✓
	<p>✓ BOM: 601.1616 RIVET (MS20426AD3-5)</p> <p>Qty Per: 12 Qty Need: 72 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	12	12	✓
	<p>✓ BOM: 649.4814 DOUBLER</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89</p>	L.H.	10-07-13	2	2	✓
NOTES:						NEXT HIGHER MO#: N/A

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:49:59 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date

Qty Insp

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
✓	BOM: 649.5011 DEFLECTOR Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	Ø
✓	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/ Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	Ø
✓	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	Ø
✓	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	Ø
✓	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 138 UOM: EA DAS 27 9-89	L.H.	10-07-13	23	23	Ø
✓	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	Ø
✓	BOM: 601.3124 SCREW Qty Per: 3 Qty Need: 18 UOM: EA DAS 27 9-89	L.H.	10-07-13	3	3	Ø
✓	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	Ø
✓	BOM: 649.5013 DEFLECTOR Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	Ø
NOTES:						NEXT HIGHER MO#: N/A

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:00 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date

Qty Insp

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	/BOM: 601.0788 BOLT (AN3C-12A) DAS 27 9-89 Qty Per: 8, Qty Need: 48 UOM: EA	L.H.	10-07-13	8	8	0
	/BOM: 649.5214 BRACKET DAS 27 9-89 Qty Per: 1, Qty Need: 6 UOM: EA	L.H.	10-07-13	1	1	0
	/BOM: 601.3555 Bolt DAS 27 9-89 Qty Per: 4, Qty Need: 24 UOM: EA	L.H.	10-07-13	4	4	0
	/BOM: 601.2765 SCREW (MS27039-0819) DAS 27 9-89 Qty Per: 6, Qty Need: 36 UOM: EA	L.H.	10-07-13	6	6	0
	/BOM: 649.4812 SHIM DAS 27 9-89 Qty Per: 1, Qty Need: 6 UOM: EA	L.H.	10-07-13	1	1	0
	/BOM: 601.3252 MS24694S58 DAS 27 9-89 Qty Per: 2, Qty Need: 12 UOM: EA	L.H.	10-07-13	2	2	0
	/BOM: 601.3473 RIVET, NAS1097AD-4-3 DAS 27 9-89 Qty Per: 2, Qty Need: 12 UOM: EA	L.H.	10-07-13	2	2	0
	/BOM: 601.2764 WASHER (NAS1149FN832P) DAS 27 9-89 Qty Per: 23, Qty Need: 138 UOM: EA	L.H.	10-07-13	23	23	0
	/BOM: 649.4815 SHIM DAS 27 9-89 Qty Per: 3, Qty Need: 18 UOM: EA	L.H.	10-07-13	3	3	0
NOTES:						NEXT HIGHER MO#: N/A

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:00 AM

Qty Required: 6

APICAL

Qty Comp

Date 10-07-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3470 WASHER Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
	BOM: 601.1624 MS21042-3 NUT Qty Per: 25 Qty Need: 150 UOM: EA DAS 27 9-89	L.H.	10-07-13	25	25	0
	BOM: 601.3474 CHERRY RIVET Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	10-07-13	8	8	0
	BOM: 647.9044 STRUT BRACKET Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	10-07-13	8	8	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
Start Work: Stop Work:						
NOTES:						
	NEXT HIGHER MO#: N/A					

PAGE: 8 of 8

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

2. Once the problem is identified, the next step is to define the objectives of the project. These objectives should be clear, measurable, and achievable.

3. The third step is to develop a plan of action. This involves determining the steps that need to be taken to achieve the objectives and assigning responsibilities to team members.

4. The fourth step is to implement the plan. This involves carrying out the tasks and activities that have been planned.

5. The fifth step is to monitor and evaluate the progress of the project. This involves tracking the progress of the project and assessing whether the objectives are being met.

6. The final step is to report on the results of the project. This involves communicating the findings of the project to the relevant stakeholders.

CUSTOMER:

Printed: 8/6/2013 7:50:00 AM

Rev.: B

Qty Insp

ECN #: 03732

Reference:

Serial No.:

038

NOTES:

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Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 1 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:32 AM

Qty Required: 6

APICAL

Qty Comp

Date
10-07-13

Qty Insp

Rev.: B

ECN #: 03732

Reference:

Serial No.: 039

CCK #

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
10	INVENTORY OUT					
	Remove parts from inventory BOM: 601.1900 NUT PLATE MS21059-3 Qty Per: 6 Qty Need: 36 UOM: EA DAS 27 9-89	L.H.	10-07-13	6	6	0
	BOM: 649.5110 WIPER DEFLECTOR Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
	BOM: 649.4811 CLIP Qty Per: 1 Qty Need: 6 UOM: EA APICAL QA 04 27 9-89 ACCEPT	L.H.	10-07-13	1	1	0
	BOM: 601.1621 MS27039-1-08 SCREW 100EA/PKG Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	0
	BOM: 601.2910 SCREW MS27039-1-18 (NAS221-18) CAD II 25EA/PKG Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	0
	BOM: 649.4816 DOUBLER Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.2045 RTV (LOCTITE 598) Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.1541 LOCKNUT (MS21042L08) (8-32 THD) (CAD PLATED) (100 Q) Qty Per: 14 Qty Need: 84 UOM: EA DAS 27 9-89	L.H.	10-07-13	14	14	0
NOTES:						NEXT HIGHER MO#: N/A

COMPLETED 10/8/13 M.H.

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 2 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:32 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date 10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

039

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	<p>✓ BOM: 601.3190 SCREW DAS 27 9-89</p> <p>Qty Per: 13 Qty Need: 78 UOM: EA</p>	L.H.	10-07-13	13	13	0
	<p>✓ BOM: 601.3472 CHERRY RIVET DAS 27 9-89</p> <p>Qty Per: 20 Qty Need: 120 UOM: EA</p>	L.H.	10-07-13	20	20	0
	<p>✓ BOM: 601.2020 RIVET CR3213-5-3 100EA/PKG DAS 27 9-89</p> <p>Qty Per: 16 Qty Need: 96 UOM: EA</p>	L.H.	10-07-13	16	16	0
	<p>✓ BOM: 649.5210 DOUBLER DAS 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.1183 CHERRYMAX RIVET DAS 27 9-89</p> <p>Qty Per: 29 Qty Need: 174 UOM: EA</p>	L.H.	10-07-13	29	29	0
	<p>✓ BOM: 649.5213 DOUBLER DAS 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.1607 WASHER, CAD ONLY REQUIRED, 98017A635, AN960-10L, NA DAS 27 9-89</p> <p>Qty Per: 53 Qty Need: 318 UOM: EA</p>	L.H.	10-07-13	53	53	0
	<p>✓ BOM: 601.3146 Screw S 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.3289 SCREW DAS 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
NOTES:						NEXT HIGHER MO#: N/A

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 3 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:33 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date

Qty Insp

ECN #: 03732

Reference:

Serial No.:

039

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected	
✓	BOM: 6013537 Countersunk Screw Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0	
✓	BOM: 6013008 INSERT Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0	
✓	BOM: 6495012 DEFLECTOR Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0	
✓	BOM: 6469910 STRUT Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	0	
✓	BOM: 6013459 INSERT, NAS1832-3-7 TYE2002-3-7 Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	10-07-13	8	8	0	
✓	BOM: 6013536 Countersunk Screw Qty Per: 3 Qty Need: 18 UOM: EA DAS 27 9-89	L.H.	10-07-13	3	3	0	
✓	BOM: 6012669 BOLT Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0	
✓	BOM: 6495211 SHIM Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0	
✓	BOM: 6011622 SCREW Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13	4	4	0	
NOTES:						NEXT HIGHER MO#: N/A	

Apical Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 4 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:33 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date 10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

039

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	<p>✓ BOM: 601.1365 SCREW (MS27039-1-10) DAS 27 9-89</p> <p>Qty Per: 6 Qty Need: 36 UOM: EA</p>	L.H.	10-07-13	6	6	0
	<p>✓ BOM: 601.1125 RIVET MS20470AD5-11 DAS 27 9-89</p> <p>Qty Per: 8 Qty Need: 48 UOM: EA</p>	L.H.	10-07-13	8	8	0
	<p>✓ BOM: 601.2638 NAS1149F0432P DAS 27 9-89</p> <p>Qty Per: 8 Qty Need: 48 UOM: EA</p>	L.H.	10-07-13	8	8	0
	<p>✓ BOM: 601.3496 Cherry Rivet, CR3213-6-12 9-89 DAS 27 9-89</p> <p>Qty Per: 31 Qty Need: 186 UOM: EA</p>	L.H.	10-07-13	31	31	0
	<p>✓ BOM: 601.3151 WASHER DAS 27 9-89</p> <p>Qty Per: 16 Qty Need: 96 UOM: EA</p>	L.H.	10-07-13	16	16	0
	<p>✓ BOM: 649.5112 RH WIPER DEFLECTOR 9-89</p> <p>Qty Per: 1 Qty Need: 6 UOM: EA</p>	L.H.	10-07-13	1	1	0
	<p>✓ BOM: 649.4813 SHIM 9-89 DAS 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
	<p>✓ BOM: 601.1616 RIVET (MS20426AD3-5) DAS 27 9-89</p> <p>Qty Per: 12 Qty Need: 72 UOM: EA</p>	L.H.	10-07-13	12	12	0
	<p>✓ BOM: 649.4844 DOUBLER 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
NOTES:						NEXT HIGHER MO#: N/A

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 5 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:33 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date 10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

039

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 649.5011 DEFLECTOR Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13		1	0
	BOM: 601.2542 RIVET UNIVERSAL HEADMS20470AD5-9 (SOLD IN 1/4, 1/2) Qty Per: 4 Qty Need: 24 UOM: EA DAS 27 9-89	L.H.	10-07-13		4	0
	BOM: 601.3209 LOCKNUT Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13		1	0
	BOM: 649.5111 LH WIPER DEFLECTOR Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13		1	0
	BOM: 601.1773 RIVET Qty Per: 23 Qty Need: 138 UOM: EA DAS 27 9-89	L.H.	10-07-13		23	0
	BOM: 649.5010 DEFLECTOR Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13		1	0
	BOM: 601.3124 SCREW Qty Per: 3 Qty Need: 18 UOM: EA DAS 27 9-89	L.H.	10-07-13		3	0
	BOM: 601.3468 INSERT, NAS1832-4-7 SL601-4-7S Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13		2	0
	BOM: 649.5013 DEFLECTOR Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13		2	0
NOTES:						NEXT HIGHER MO#: N/A

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 6 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:33 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date
10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

039

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	<p>BOM: 601.0788 BOLT (AN3C-12A) DAS 27 9-89</p> <p>Qty Per: 8 Qty Need: 48 UOM: EA</p>	L.H.	10-07-13	8	8	0
	<p>BOM: 649.5214 BRACKET DAS 27 9-89</p> <p>Qty Per: 1 Qty Need: 6 UOM: EA</p>	L.H.	10-07-13	1	1	0
	<p>BOM: 601.3555 Bolt DAS 27 9-89</p> <p>Qty Per: 4 Qty Need: 24 UOM: EA</p>	L.H.	10-07-13	4	4	0
	<p>BOM: 601.2765 SCREW (MS27039-0819) DAS 27 9-89</p> <p>Qty Per: 6 Qty Need: 36 UOM: EA</p>	L.H.	10-07-13	6	6	0
	<p>BOM: 649.4812 SHIM DAS 27 9-89</p> <p>Qty Per: 1 Qty Need: 6 UOM: EA</p>	L.H.	10-07-13	1	1	0
	<p>BOM: 601.3252 MS24694S58 DAS 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
	<p>BOM: 601.3473 RIVET, NAS1097AD-4-3 DAS 27 9-89</p> <p>Qty Per: 2 Qty Need: 12 UOM: EA</p>	L.H.	10-07-13	2	2	0
	<p>BOM: 601.2764 WASHER (NAS1149FN832P) DAS 27 9-89</p> <p>Qty Per: 23 Qty Need: 138 UOM: EA</p>	L.H.	10-07-13	23	23	0
	<p>BOM: 649.4815 SHIM DAS 27 9-89</p> <p>Qty Per: 3 Qty Need: 18 UOM: EA</p>	L.H.	10-07-13	3	3	0
NOTES:						NEXT HIGHER MO#: N/A

Apic Industries, Inc.

MANUFACTURING - ROUTE SHEET

PAGE: 7 of 8

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:33 AM

Qty Required: 6

APICAL

Rev.: B

Qty Comp

Date 10-07-13

Qty Insp

ECN #: 03732

Reference:

Serial No.:

039

NOTES:

SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
	BOM: 601.3470 WASHER Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
	BOM: 601.1624 MS21042-3 NUT Qty Per: 25 Qty Need: 150 UOM: EA DAS 27 9-89	L.H.	10-07-13	25	25	0
	BOM: 601.3474 CHERRY RIVET Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
	BOM: 601.2381 WASHER 90945A740 Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	10-07-13	8	8	0
	BOM: 647.9014 STRUT BRACKET Qty Per: 8 Qty Need: 48 UOM: EA DAS 27 9-89	L.H.	10-07-13	8	8	0
	BOM: 600.1012 SEALANT PR-1425B2 Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 649.5212 BRACKET Qty Per: 1 Qty Need: 6 UOM: EA DAS 27 9-89	L.H.	10-07-13	1	1	0
	BOM: 601.3493 Quick Release Pin Qty Per: 2 Qty Need: 12 UOM: EA DAS 27 9-89	L.H.	10-07-13	2	2	0
Start Work:		Stop Work:				
NOTES:						
						NEXT HIGHER MO#: N/A

MO#: M14094



PART NO: 649.4701

CUSTOMER:

DESCRIPTION: A119 CABLE CUTTERS KIT

Qty Per Assy: N/A

Work Type: MORS

Printed: 8/6/2013 7:50:34 AM

Qty Required: 6

APICAL

Qty Cmp

Date: 10/06/13

Qty Insp

Rev.: B







ECN #: 03732

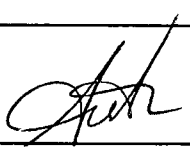
Reference:


Serial No.:


039

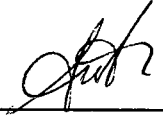
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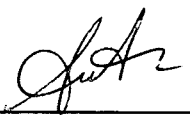
SEQ	OPERATIONS	Signature	Date	Qty Processed	Qty Accepted	Qty Rejected
20	BUILD SUB-ASSY					
	<p>BOM: Assembly: 649.4902 LOWER CUTTER ASSY DAS</p> <p>Qty Per: 1 Qty Need: 6 UOM: EA 27 MO#: M14094-1</p> <p>Start Work:  Stop Work: </p>	LL	10/06/13		1	0
30	BUILD SUB-ASSY					
	<p>BOM: Assembly: 649.4901 UPPER CUTTER ASSY DAS</p> <p>Qty Per: 1 Qty Need: 6 UOM: EA 27 9-89 MO#: M14094-2</p> <p>Start Work:  Stop Work: </p>	LL	10/06/13		1	0
<p>NOTES:</p>						
						<p>NEXT HIGHER</p> <p>MO#: N/A</p>


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 004 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M10422, SERIAL NUMBER 004 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

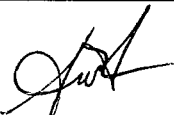
1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 016 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M10954 SERIAL NUMBER 016 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approval Organization Number DAS 29 9-89 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd. , 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 017 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M11165, SERIAL NUMBER 017 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

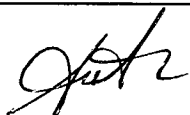
1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 030 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M12660, SERIAL NUMBER 030 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 031 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M12661, SERIAL NUMBER 031 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature
14c. Approved Organization Number		13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name
14e. Date (dd/mm/yyyy):		30 Dec 2008(Previously form 24-0078)				
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 033 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M12661, SERIAL NUMBER 033 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approval Organization Number DAS 29 9-89 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 037 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M13282, SERIAL NUMBER 037 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature
14c. Approved Organization Number		13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name
14e. Date (dd/mm/yyyy):		30 Dec 2008(Previously form 24-0078)				
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 038 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M14094, SERIAL NUMBER 038 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature 		DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature
14c. Approved Organization Number		13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name
14e. Date (dd/mm/yyyy):		30 Dec 2008(Previously form 24-0078)				
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 039 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M14094, SERIAL NUMBER 039 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 1-613-632-3336 Fax: 1-613-
632-4443
sales@dartaero.com

Sales Order Acknowledgment

Sales Order ID : SO113718
Customer Purchase Order ID : NCR13-3181 PO4800748947 WA
Page Number : 1 of 1
Prepared By : Lisa McMachen

Bill To : CAGUS02
AGUSTAWESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :
AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Change Nbr: 2
Change Date: 11/4/2013

Order Date: 10/30/2013 2:06:43 PM
Partial Ship: No
Buyer: JAKE VASILIOU
Ship Via: FedEx Intl Priority
Ship Acct #: 1517-9324-0 DAS
Contact Name: ANITA COELHO

FOB: Ex Works DART Aerospace
Currency Type : USD
AR Terms: Net 30
Prepayment Terms:
Ship To Phone: 215 281 7366
Email: Anita.Coelho@agustawestland.com

Line Nbr /	Item ID/ Name Item Name Line Comments	Req Date Promise Date	Taxable Sales	CD	Req Qty	Unit Price Unit of	Discount %	Discounted Unit Price	Extended Price
Sale Tax Percent									
1	649.4701	11/5/2013	Yes		9.0000	\$19,890.0000 Each	100.00%	\$0.0000	\$0.00
	A119 Cable Cutters	11/5/2013	0.00%			0.00%			
Line Item Total:									\$0.00

Total:	\$0.00
Sales Tax:	\$0.00
Sales Order Total:	\$0.00

Special Instructions: Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

Note: DART hereby offers for consideration of purchase the above items at the above stated pricing
Approved: _____



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245

Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR

Sales Order ID : SO113718

Ship Date : 11/5/2013 11:34:00 AM

Page Number : 1

72864433

Bill To : CAGUS02

AGUSTAWESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :

AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Buyer: JAKE VASILIOU

Contact Name: ANITA COELHO

Contact Phone: 215 281 7366

Contact Phone Ext.:

Order Date: 10/30/2013 2:06:43 PM

FOB:

Ex Works DART Aerospace

Ship From: MAIN WAREHOUSE

FedEx Intl Priority

Territory:

US Northeast

Bill of Lading :

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7 CANADA

Pallets

0

Cartons

0

Weight

0

Ship From Phone: 613 632 5200

Line /	Item ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Cust PO Line Nbr	Cust Item ID						

1				11/5/2013	9.0000	9.0000	0.0000
1	649.4701	A119 Cable Cutters					

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

#9 S/N 038



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

US02

STLAND PHILADELPHIA CORP.
ON ROAD
HIA, PA 19114

Ship To:

AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Contact Name: ANITA COELHO
Contact Phone: 215 281 7366
Contact Phone Ext.:

JAKE VASILIOU

10/30/2013 2:06:43 PM
FedEx Intl Priority

FOB:
Territory:

Ex Works DART Aerospace
US Northeast

Ship From: MAIN WAREHOUSE

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7 CANADA

Pallets 0
Cartons 0
Weight 0

Ship From Phone: 613 632 5200

ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Item ID						

11/5/2013

9.0000

9.0000

0.0000

A119 Cable Cutters

If Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to the above shipped part(s) to alter the product listed in the STC(s).

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for rework due to non conforming parts.

#8 S/N 033



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PQ4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

72864599

Bill To : CAGUS02
AGUSTAWESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :
AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Buyer: JAKE VASILIOU

Contact Name: ANITA COELHO
Contact Phone: 215 281 7366
Contact Phone Ext.:

Order Date: 10/30/2013 2:06:43 PM FOB: Ex Works DART Aerospace Ship From: MAIN WAREHOUSE
FedEx Intl Priority Territory: US Northeast DART AEROSPACE LTD
Bill of Lading : 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7 CANADA
Pallets 0
Cartons 0
Weight 0 Ship From Phone: 613 632 5200

Line /	Item ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Cust PO Line Nbr	Cust Item ID						
				11/5/2013	9.0000	9.0000	0.0000

649.4701 A119 Cable Cutters

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

#7 S/N 004



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

728645228

Bill To : CAGUS02

AGUSTAWESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :

AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Buyer: JAKE VASILIOU

Contact Name: ANITA COELHO

Contact Phone: 215 281 7366

Contact Phone Ext.:

Order Date: 10/30/2013 2:06:43 PM
FedEx Intl Priority

FOB: Ex Works DART Aerospace
Territory: US Northeast

Ship From: MAIN WAREHOUSE

Bill of Lading :

Pallets 0
Cartons 0
Weight 0

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7 CANADA

Ship From Phone: 613 632 5200

Line /	Item ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Cust PO Line Nbr	Cust Item ID						

11/5/2013

9.0000

9.0000

0.0000

649.4701 A119 Cable Cutters

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

#6 S/N 039



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

72864675

Bill To : CAGUS02
AGUSTA WESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :
AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Buyer: JAKE VASILIOU

Contact Name: ANITA COELHO
Contact Phone: 215 281 7366
Contact Phone Ext.:

Order Date: 10/30/2013 2:06:43 PM
FedEx Intl Priority

FOB: Ex Works DART Aerospace
Territory: US Northeast

Ship From: MAIN WAREHOUSE
DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7 CANADA

Bill of Lading :

Pallets 0
Cartons 0
Weight 0

Ship From Phone: 613 632 5200

Line / Cust PO Line Nbr	Item ID / Cust Item ID	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
----------------------------	---------------------------	-----------	-----------------	-----------	----------	----------	--------------------

649,4701 A119 Cable Cutters

11/5/2013 9.0000 9.0000 0.0000

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

#5 S/N 030



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

72864714

Bill To : CAGUS02
AGUSTA WESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :
AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Contact Name: ANITA COELHO
Contact Phone: 215 281 7366
Contact Phone Ext.:

Buyer: JAKE VASILIOU

Order Date: 10/30/2013 2:06:43 PM
FedEx Intl Priority

FOB: Ex Works DART Aerospace
Territory: US Northeast

Ship From: MAIN WAREHOUSE

Bill of Lading :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7 CANADA

Pallets 0
Cartons 0
Weight 0

Ship From Phone: 613 632 5200

Line / Cust PO Line Nbr	Item ID / Cust Item ID	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
	649.4701	A119 Cable Cutters		11/5/2013	9.0000	9.0000	0.0000

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

#4 S/N 016



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245

Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR

Sales Order ID : SO113718

Ship Date : 11/5/2013 11:34:00 AM

Page Number : 1

72864629

Bill To : CAGUS02

AGUSTA WESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :

AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Buyer: JAKE VASILIOU

Contact Name: ANITA COELHO

Contact Phone: 215 281 7366

Contact Phone Ext.:

Order Date: 10/30/2013 2:06:43 PM

FOB:

Ex Works DART Aerospace

Ship From: MAIN WAREHOUSE

FedEx Intl Priority

Territory:

US Northeast

DART AEROSPACE LTD

Bill of Lading :

Pallets

0

Cartons

0

Weight

0

HAWKESBURY, ON K6A 1K7 CANADA

Ship From Phone: 613 632 5200

Line /	Item ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Cust PO Line Nbr	Cust Item ID						

11/5/2013

9.0000

9.0000

0.0000

649.4701 A119 Cable Cutters

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

10 - 1 - 024



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

728 64523

Bill To : CAGUS02 AGUSTAWESTLAND PHILADELPHIA CORP. 3050 RED LION ROAD PHILADELPHIA, PA 19114 USA		Ship To : AGUSTA WESTLAND AAC FINAL ASSY DEPT, 3076 RED LION ROAD PHILADELPHIA, PENNSYLVANIA 19114 UNITED STATES	
Buyer: JAKE VASILIOU		Contact Name: ANITA COELHO Contact Phone: 215 281 7366 Contact Phone Ext.:	
Order Date: 10/30/2013 2:06:43 PM Bill of Lading :	FOB: Ex Works DART Aerospace Territory: US Northeast	Ship From: MAIN WAREHOUSE DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA Ship From Phone: 613 632 5200	
Pallets: 0 Cartons: 0 Weight: 0			

Line /	Item ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Cust PO Line Nbr	Cust Item ID						

649.4701 A119 Cable Cutters

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

② S/N 031



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 5200
Fax: 613 632 5246

Packing Slip

Packing Slip Number : INV114245
Customer Purchase Order ID : NCR13-3181 PO4800748947 WAR
Sales Order ID : SO113718
Ship Date : 11/5/2013 11:34:00 AM
Page Number : 1

72364558

Bill To : CAGUS02
AGUSTAWESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :
AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Buyer: JAKE VASILIOU

Contact Name: ANITA COELHO
Contact Phone: 215,281 7366
Contact Phone Ext.:

Order Date: 10/30/2013 2:06:43 PM
FedEx Intl Priority

FOB:
Territory:

Ex Works DART Aerospa
US Northeast

Ship From: MAIN WAREHOUSE

Bill of Lading :

Pallets 0
Cartons 0
Weight 0

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7 CANADA

Ship From Phone: 613 632 5200

Line /	Item ID /	Item Name	Harmonize Code:	Req. Date	Req. Qty	Ship Qty	Backordered Qty
Cust PO Line Nbr	Cust Item ID						
649.4701	A119	Cable Cutters		11/5/2013	9.0000	9.0000	0.0000

Special
Instructions:

As per Supplemental Type Certificate (STC) requirement, this is written evidence that Dart Aerospace Ltd. gives the above Ship-to permission to use the STC(s) for the above shipped part(s) to alter the product listed in the STC(s).

Special
Instructions for
Sales Order:

Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.

stland
Company

SUPPLIER'S CODE CODICE FORNITORE	REPRINT DT DT RISTAMPA	TO BE QUOTED ON ALL DOCUMENTS RELATING TO THIS P.O. DA CITARE SU TUTTI I DOCUMENTI INERENTI ALL'ORDINE	DI
21000667	MM DD YY 11 12 13	P.O. NO. 4800748947 / 01	MM 10

SERIAL DESCRIPTION / IDENTIFICATIVO E DESCRIZIONE MATERIALE	Q.R. * R.Q. *	U M	QUANTITY QUANTITA'	ORDERED ORDINATA	DELIVERY DATE DT CONSEGNA		BATCH PREZZO UNITARIO/LOTTO	PRICE/UNIT P	QTY P
					MM	DD YY	VALUE / VALUTA	USD	

ort of products, software, or technology.

forming any work or service for AWPC or AgustaWestland companies related to "defense articles" or "defense" as defined by the U.S. Munitions List, the supplier shall strictly adhere to all the requirements of the onal Traffic in Arms Regulations (ITAR), 22 C.F.R. 120-130. ITAR-controlled technical data shall be identified d as such, securely protected, and viewed only by U.S. persons or by non-U.S. persons with appropriate tion from the U.S. Department of State.

Y REQUIREMENT AX***

IAL (OR SERVICE) OF THIS ITEM IS NOT SUBJECTED TO PARTICULAR SURVEILLANCE PROVISIONS. PROVISIONS AND FURTHERMORE INVESTIGATION REPORT, REPORT OF ACTIVITIES PERFORMED, TOGETHER WITH REPLACED PART LI: REPORT MUST BE PROVIDED.

50113 718 - Lisa



1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7

RETURN AUTHORIZATION

Date: 18-Oct-13
Customer Name: AGUSTAWESTLAND PHILA.
Customer Code: CAGUS02
Telephone No: 1 215 268 9134
E-mail Address: Anita.Coelho@agustawestland.com
Contact Name: ANITA COELHO
Issued by: LISA MCMACHEN

DART RA Number: RA111642
Customer-Supplied: ☒ Trial/Test ☐
Sales Order Generated: _____
OEM Initiated & Chase: _____
Approved by: Sian Willems
DART Invoice #: TBD (Shipped O'Side)
PAR/CAR/NCR/SQ: N/A

Quantity	Part Number	Description	Batch Number
1	649.4701	A119 Cable Cutters Kits	4
1	649.4701	A119 Cable Cutters Kits	16
1	649.4701	A119 Cable Cutters Kits	17
1	649.4701	A119 Cable Cutters Kits	30
1	649.4701	A119 Cable Cutters Kits	31
1	649.4701	A119 Cable Cutters Kits	33

Reason for Return: REWORK REQUIRED, SHIP BACK TO CUSTOMER.

601.3493 QR Pins does not conform to dwg - pins are too long (11", drawing requires them to be 4"). Customer PO: 4800479248 from O'Side

☐ Ord. Wrong - 3rd party
☐ Ord. Wrong - OEM
☐ Ord. Wrong - Web/Cat.

Credit Instructions:

☐ Full credit
☒ None

Return Instructions: Commercial Invoice Yes
Documentation (STC/ARC/ICA) Yes
Packing Slip Yes
Include on Commercial Invoice:
Part Number/Description/Value in USD
Parts are aircraft parts/return to Manufacturer

Shipping Instructions: Prepaid _____ Collect YES Courier _____ Fed Ex _____
Account # _____ DART

RECEIVING RETURN AUTHORIZATION

Receiver:			Condition of Packaging:			Photograph Required Yes No
Date Received:			Freight Company:			
Quantity	Part Number	Batch	QC Verification	CHG #	W/O#	Disposition

QC Inspector: _____ Photograph Attached _____ Condition: _____
Date: _____ Yes No Sealed Complete Short H/W Short Kit No P/W Damaged

QC Comments: _____ Special Return/Rework Instructions: _____
REWORK REQUIRED, SHIP BACK TO CUSTOMER.
601.3493 QR Pins does not conform to dwg - pins are too long (11", drawing requires them to be 4").

Issue Credit: Yes No

Credit Invoice Amount: \$0, INVOICE: \$0

Approval: _____
Director Operations

Date: _____

Restocking Fee: _____

Freight: _____

Net Credit: _____

Closed by: _____ Close Date: _____



1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7

RETURN AUTHORIZATION

Date: 18-Oct-13
Customer Name: AGUSTAWESTLAND PHILA.
Customer Code: CAGUS02
Telephone No: 1 215 268 9134
E-mail Address: Anita.Coelho@agustawestland.com
Contact Name: ANITA COELHO
Issued by: LISA MCMACHEN

DART RA Number: RA111640
Customer-Supplied: ☒ Trial/Test ☐
Sales Order Generated: _____
OEM Initiated & Chase: _____
Approved by: Sian Willems
DART Invoice #: INV113932 / SO112553
PAR/CAR/NCR/SQ: N/A

Quantity	Part Number	Description	Batch Number
1	649.4701	A119 Cable Cutters Kits	37
1	649.4701	A119 Cable Cutters Kits	38
1	649.4701	A119 Cable Cutters Kits	39

Reason for Return: REWORK REQUIRED, SHIP BACK TO CUSTOMER.
601.3493 QR Pins does not conform to dwg - pins are too long (11",
drawing requires them to be 4"). Customer PO:4800701583/01 from Hawk.

☐ Ord. Wrong - 3rd party
☐ Ord. Wrong - OEM
☐ Ord. Wrong - Web/Cat.

Credit Instructions:
☐ Full credit
☒ None

Return Instructions: Commercial Invoice Yes
Documentation (STC/ARC/ICA) Yes
Packing Slip Yes

Include on Commercial Invoice:
Part Number/Description/Value in USD
Parts are aircraft parts/return to Manufacturer

Shipping Instructions: Prepaid _____ Collect YES Courier _____ Fed Ex _____
Account # _____ DART

RECEIVING RETURN AUTHORIZATION

Receiver:			Condition of Packaging:			Photograph Required	
Date Received:			Freight Company:			Yes No	
Quantity	Part Number	Batch	QC Verification	CHG #	W/O#	Disposition	

QC Inspector: _____ Photograph Attached _____ Condition: _____
Date: _____ Yes No Sealed Complete Short H/W Short Kit No P/W Damaged

QC Comments: _____ Special Return/Rework Instructions: _____
REWORK REQUIRED, SHIP BACK TO CUSTOMER.
601.3493 QR Pins does not conform to dwg - pins are
too long (11", drawing requires them to be 4").

Issue Credit: Yes No Credit Invoice Amount: \$0, INVOICE: \$0
Restocking Fee: _____
Approval: _____ Date: _____ Freight: _____
Director Operations Net Credit: _____
Closed by: _____ Close Date: _____



DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 1-613-632-3336 Fax: 1-613-632-4443
sales@dartaero.com

Sales Order Acknowledgment

Sales Order ID : SO113718
Customer Purchase Order ID : NCR13-3181 PO4800748947 WA
Page Number : 1 of 1
Prepared By : Lisa McMachen

Bill To : CAGUS02

AGUSTAWESTLAND PHILADELPHIA CORP.
3050 RED LION ROAD
PHILADELPHIA, PA 19114
USA

Ship To :

AGUSTA WESTLAND
AAC FINAL ASSY DEPT, 3076 RED LION ROAD
PHILADELPHIA, PENNSYLVANIA 19114
UNITED STATES

Change Nbr: 0

Change Date: 10/30/2013

Order Date: 10/30/2013 2:06:43 PM
Partial Ship: No
Buyer: JAKE VASILIOU
Ship Via: FedEx Intl Priority
Ship Acct #:
Contact Name: ANITA COELHO

FOB: Ex Works DART Aerospace
Currency Type : USD
AR Terms: Net 30
Prepayment Terms:
Ship To Phone: 215 281 7366
Email: Anita.Coelho@agustawestland.com

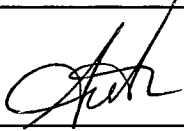
Line Nbr /	Item ID/ Name Item Name Line Comments	Req Date Promise Date	Taxable Sales	CD	Req Qty	Unit Price Unit of	Discount %	Discounted Unit Price	Extended Price
Sale Tax Percent									
1	649.4701 A119 Cable Cutters Kit	10/30/2013 10/30/2013	Yes 0.00%		9.0000	\$19,890.0000 Each	100.00%	\$0.0000	\$0.00


Line Item Total: \$0.00


Total:	\$0.00
Sales Tax:	\$0.00
Sales Order Total:	\$0.00

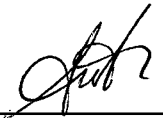
Special Instructions: Please include Michael Boyan on all tracking. Customer supplied kits came in on RA111640 and RA111642 for re-work due to non conforming parts.


Note: DART hereby offers for consideration of purchase the above items at the above stated pricing
Approved: _____


1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 004 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M10422, SERIAL NUMBER 004 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 016 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M10954 SERIAL NUMBER 016 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature 		13c. Approval Organization Number DAS 29 9-89 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mmm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mmm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 017 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M11165, SERIAL NUMBER 017 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						


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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 030 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M12660, SERIAL NUMBER 030 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 031 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M12661, SERIAL NUMBER 031 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mmm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mmm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 033 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M12661, SERIAL NUMBER 033 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature 		13c. Approval Organization Number DAS 29 9-89 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 037 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M13282, SERIAL NUMBER 037 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature 		DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14c. Approved Organization Number		14d. Name
14e. Date (dd/mm/yyyy):						
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE Form One			3. Form Tracking Number: SO113718	
4. Organizations Name and Address: Dart Aerospace Ltd., 1270 Aberdeen Street, Hawkesbury, Ontario, K6A 1K7, CANADA Tel: 1 (613) 632-5200 Fax: 1 (613) 632-5246 www.dartaero.com					5. Work Order/Contract/Invoice NCR13-3181 PO4800748947	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 038 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M14094, SERIAL NUMBER 038 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .			
13b. Signature 		DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14c. Approved Organization Number		14d. Name
14e. Date (dd/mm/yyyy):						
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	11. Status/Work:	
1	A119 Cable Cutter Kit	649.4701	1	KIT 039 B109016	NEW	
12. Remarks: RE-CERTIFICATION OF A NON-CONFORMING KIT DELIVERED TO THE CUSTOMER WAS CARRIED OUT. APICAL INDUSTRIES BATCH # M14094, SERIAL NUMBER 039 WAS ISSUED TO DART AEROSPACE WORK ORDER B109016 AND PIN 601.3493 WAS INSPECTED AND RE-WORKED. INVENTORY AND COMPLIANCE OF REMAINDER OF KIT AS ALSO PERFORMED.						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i> .		
13b. Signature  DAS 29 9-89		13c. Approval Organization Number 9-89		14b. Signature		14c. Approved Organization Number
13d. Name Patrick Smith		13e. Date (dd/mm/yyyy): 12/Nov/2013		14d. Name		14e. Date (dd/mm/yyyy):
30 Dec 2008(Previously form 24-0078)						
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						